

The Future of IBM i

Trevor Perry
Chief Architect.
Angus Thinks!

October 20i4

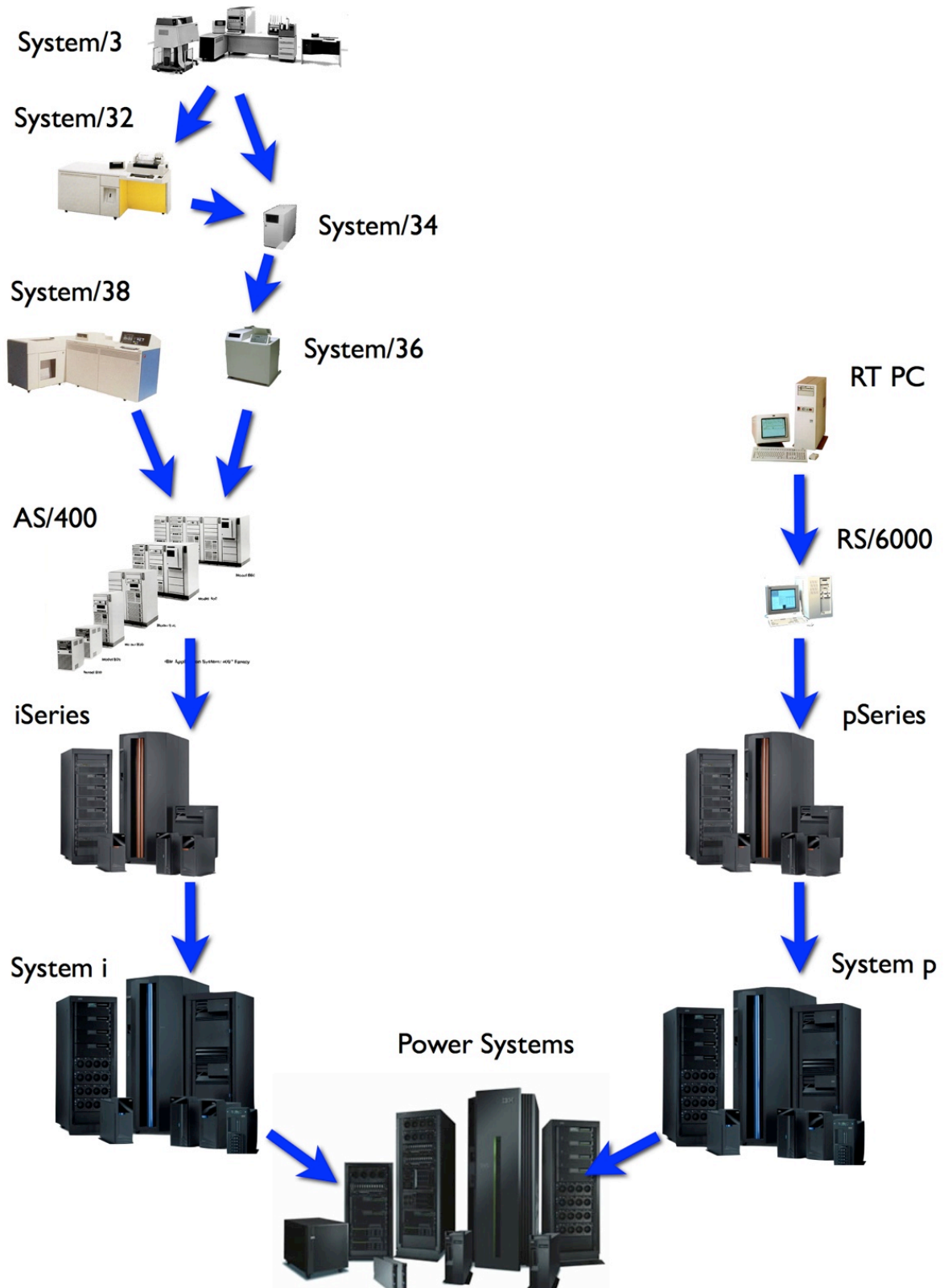


- The Future of IBM i
- Promoting IBM i
- Justifying IBM i

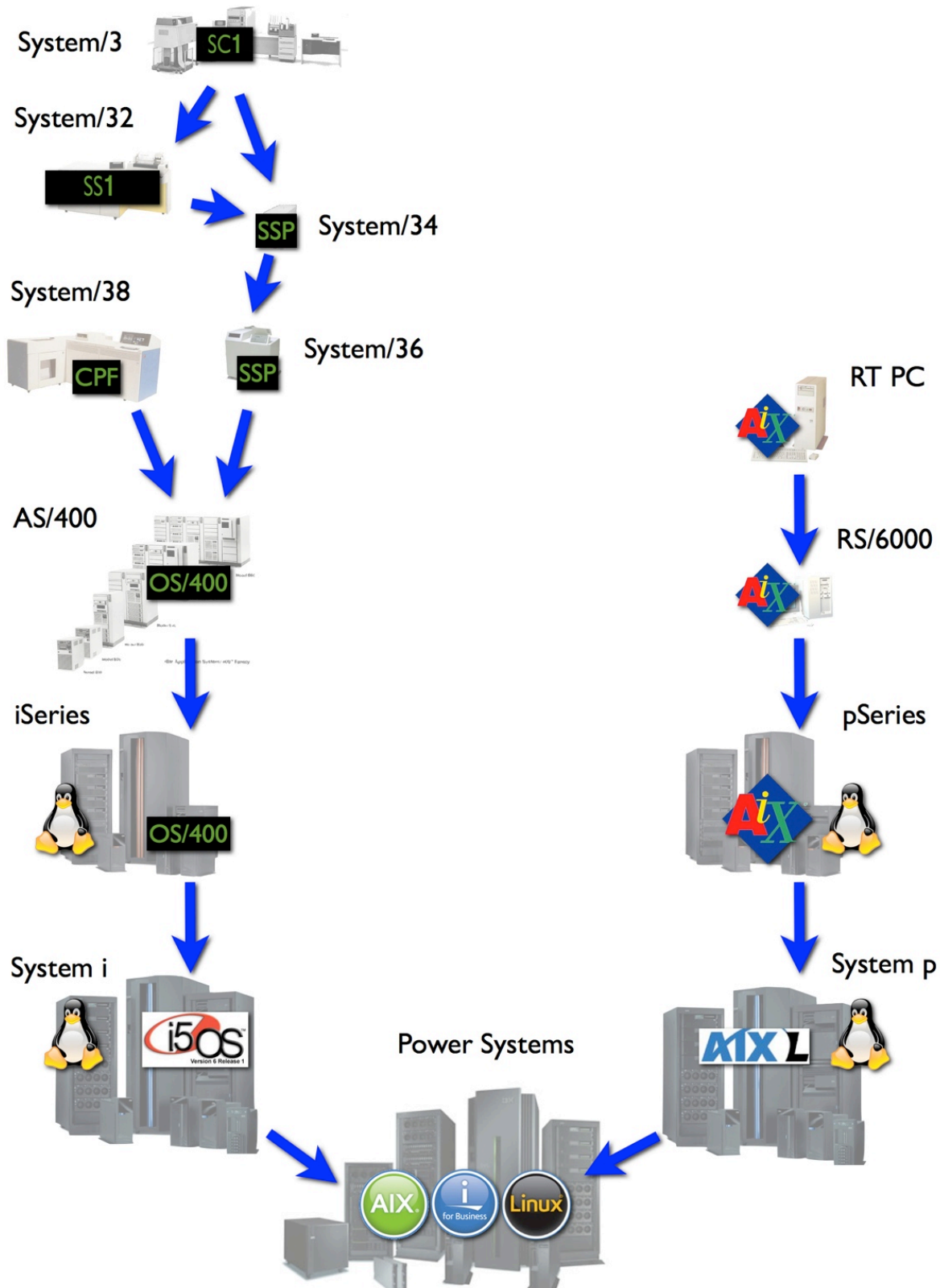
The Past of IBM i



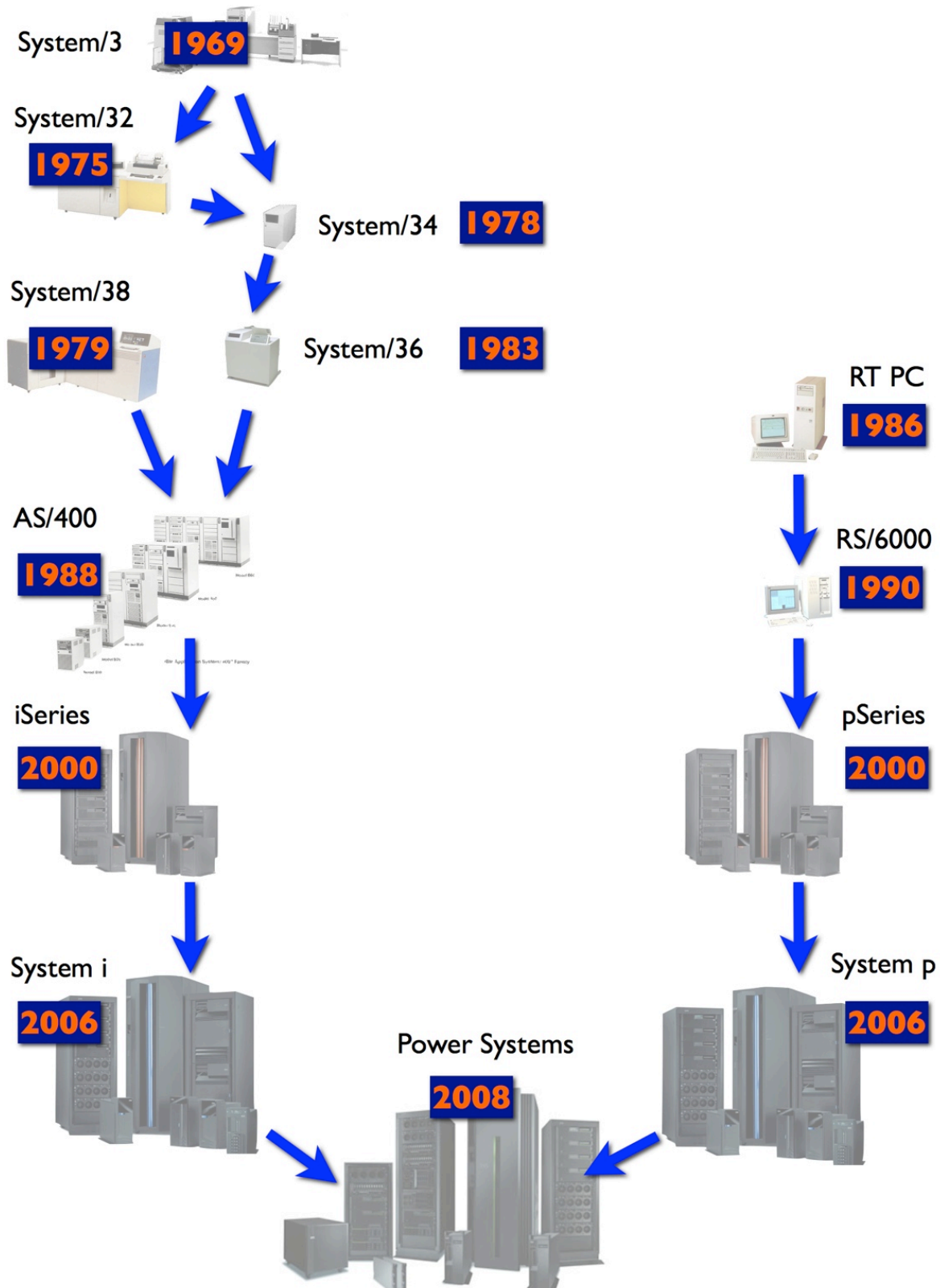
Family tree



Family tree - OS



Family tree - dates



Names

	Hardware	Software
1988	AS/400	OS/400

Names

	Hardware	Software
1988	AS/400	OS/400
2000	iSeries	

Names

	Hardware	Software
1988	AS/400	OS/400
2000	iSeries	
2006	System i	i5/OS

Names

	Hardware	Software
1988	AS/400	OS/400
2000	iSeries	
2006	System i	i5/OS
2008	Power Systems	IBM i

Comparison

	IBM i	Windows
1988	AS/400	2.0, 3.0, 3.1, 95
2000	iSeries	ME, 98, XP
2006	System i	Vista
2008	Power Systems	7, 8

The Present of IBM i



twentyfive





Integration



The invisibility cloak of complexity



Integration

- Integration is the essence of IBM i.
- It's what the "i" stands for.
- It's simple. It's reliable.
- Good integration hides complexity & makes products simple to use & highly reliable.



User Groups



We've really got a lot in common!

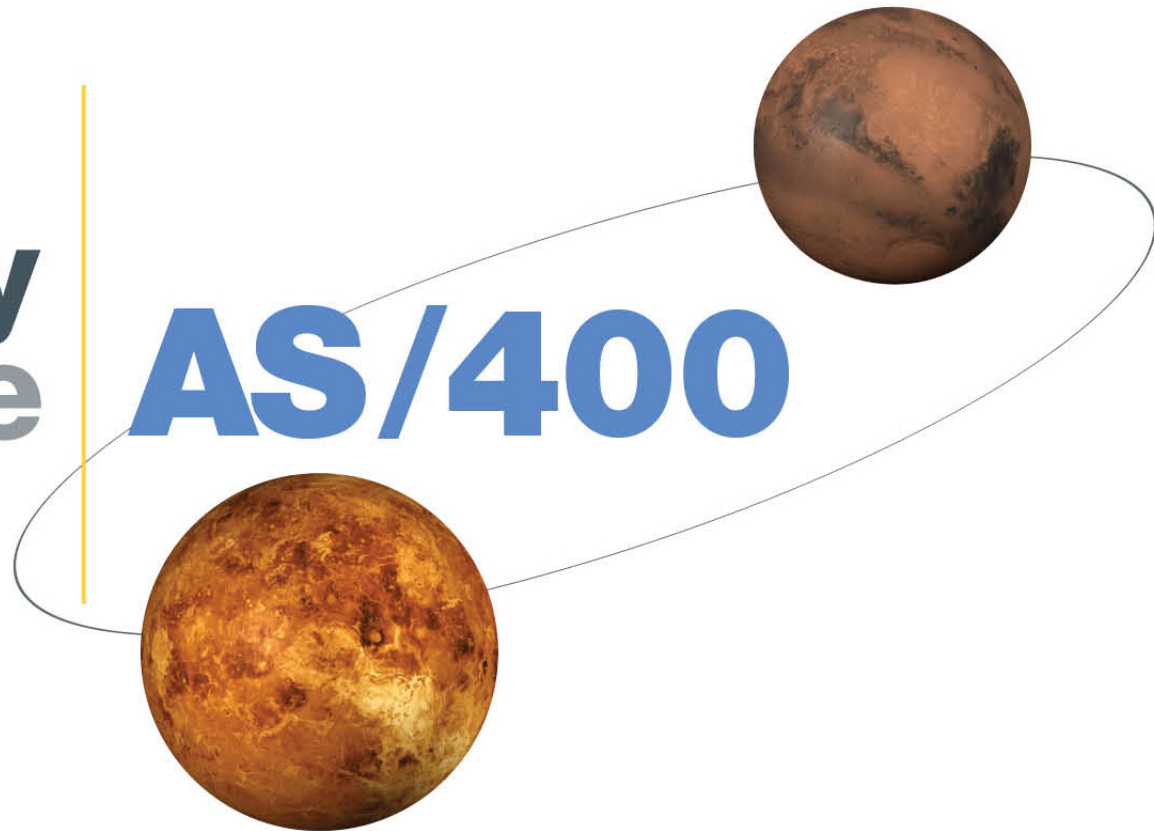


User Groups

- The longevity of IBM i has been aided by its devoted and passionate user community.
- COMMON, ISUC, NiSUG, NEUGC, TUG, WMPCA, OCEAN, LISUG

twenty
 **five**
for Business

AS/400



The 36 was from Venus, the 38 from Mars

AS/400

- A new, state-of-the-art architecture
 - S/36 ease-of-use
 - S/38 application development productivity
 - S/38 “virtualize everything” concept
- Supported applications from both environments without recompilation
- An unmatched solutions portfolio

twenty
 **five**

TIMI



Shoes that fit every occasion

TIMI

- An abstraction layer insulating users & applications from underlying hardware
- IBM i companies move without disruption
 - Different processor generations
 - Different disk technologies
- Protects investments in business applications



Single-level Storage



Where did I leave my keys?

Single Level Storage

- No DBA to define where files, programs are stored
- Memory, hard disks, SSDs all appear in a contiguous address space
- Objects automatically managed with device-independent addressing
- The OS will continuously evolve in support of new technologies



Subsystems

Hostel or hotel?

Subsystems

- Isolate database & application workloads
- Match resources & priorities to business service goals
- Fewer servers to manage
- Lower TCO than x86 servers



Object Orientation



May I see your badge, please?

Object Orientation

- Objects will behave predictably and within the limits of a user's authority
- Protect IBM i against malware or other malicious attacks
- Foundation for reputation as one of the most secure IT systems for business



Integrated Database



Will you need a bed in your hotel room tonight?



Integrated Database

- DB2 for IBM i: built in relational database
- Reduces need for DBAs
- Fully integrated into applications and OS
- Fully SQL compliant
- Optimized for
 - I/O-intensive transaction processing
 - Compute-intensive analytics workloads



Virtualization

A great idea is new again



Virtualization

- PowerVM supports IBM i virtual machines
- Automatic adjustment for optimal performance
- Live partition mobility to move partitions between systems without disruption
- One of the most efficient & scalable SaaS cloud platforms



System Integrity



Trust but verify



System Integrity

- A fundamental design point of IBM i
- Hardware-enforced integrity ensures objects cannot be tampered with maliciously or inadvertently
- The operating system is digitally signed and has tamper-proof auditing logs, role-based authority and built-in encryption options
- Among the most secure systems for helping businesses protect vital data and applications



ISVs



An application system for business

ISVs

- A common database & middleware foundation for all their clients
- Testing & support far simpler compared to OSs with assorted database & middleware variations

ISVs

- S/38 applications from 1979 would run on AS/400 without recompilation in 1988 & would still run today (25 years)
- AS/400 was first & foremost an application system
- IBM i is first & foremost an application system



Anyone for double-byte Ping-Pong?

International

- Designed with a strong international focus, supporting more than 50 language versions
- Breakthrough technology to address the challenges of DBCS encoding
- IBM i development is shared between the Rochester and Beijing development labs
- IBM i is used widely in China especially in the banking sector



Business Partners

A freight train needs a track



Business Partners

- SMB focus makes IBM I a pioneer for channel marketing where IBM cooperated with business partners on marketing, sales, support, education
- IBM business partners are experts in their local markets. They have the skills & expertise to help clients with industry solutions. They help clients set strategy, deploy solutions, achieve successful business outcomes

twenty
 **five**



Lab
Services

Want a superstar on your team?



Lab Services

- IBMers from the development labs who are the superstars of their fields with fresh insights for customer businesses
- A worldwide network of highly skilled Lab Services professionals, available to help clients optimize performance, transform their infrastructure, design & modernize applications, implement high-availability clusters.
- They share their experience with thousands of clients at industry events



Out-of-box



No assembly required



Out-of-box

- The entire infrastructure necessary to support a business (OS, middleware, management tools) fully integrated in the development lab
- Software preinstalled and tested at the point of manufacture on the exact hardware configuration the client ordered - the client just plugs it in and turns it on
- Technical complexities are masked
- When the system is delivered it behaves like a business system

twenty
 **five**

RPG



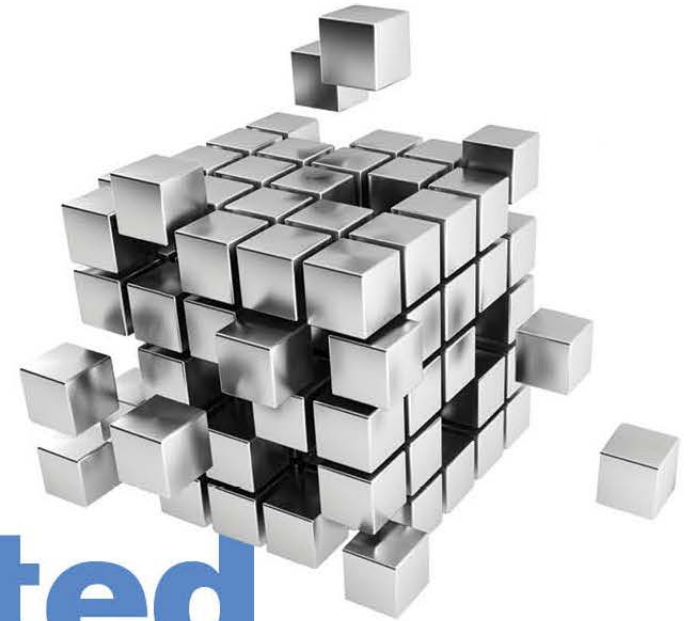
No, it's not rebounds per game

RPG

- Readily acknowledged as perhaps the most efficient programming language ever created for business applications
- Specializes in very efficient transaction processing
- Also COBOL, C/C++, Java, PHP, CL
- ILE
- Rational Development Tools
- High-performance transaction-processing applications businesses rely on all around the world



Integrated Middleware



Tricked out or built in?



Integrated Middleware

- Middleware for business applications integrated and tested
- Directory server,
Web application server,
Web services server
- Shipped with the system & ready to run
- Reduction of skilled support resources

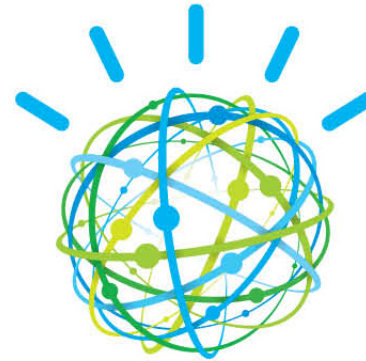


Welcome to the family!



PASE

- Integrated AIX runtime environment enabling UNIX & Java applications
- IBM i customers benefit from thousands of applications without the burden of managing two OSs



POWER

What do IBM i and Watson have in common?

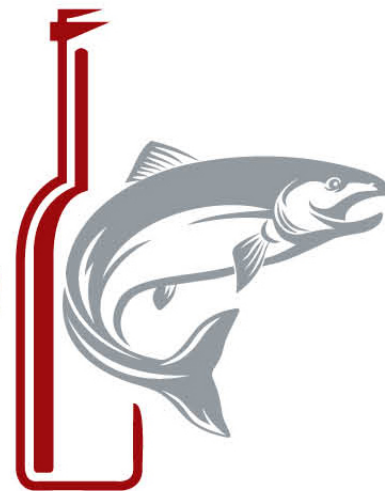


POWER

- The POWER processor has been at the forefront of both technical and commercial computing
- POWER has brought industry-leading compute-intensive performance to commercial servers
- The POWER processor is designed to fuel the new applications that process exponential big data growth
- Mobile applications, social media applications & business analytics are all driven by the latest scalable and high-performance POWER processor.

twenty
 **five**
for Business

PHP



Red wine with fish, Mr. Bond?



PHP

- Simple to employ for Web application development, optimized & integrated with IBM i
- A perfect companion to the transaction-processing applications written in RPG
- Zend provides software & services for developing, deploying, managing business-critical applications in PHP



User Interface



Green is good; BYOD might be even better



User Interface

- Developers created millions of successful 5250 applications, providing business value to hundreds of thousands of companies
- Application modernization now enables rendering the presentation layer to whatever device is needed
- With RPG Open Access, developers can write RPG applications for those devices without 5250



Reliability

Over a long distance, you learn a lot about the strength of your horse

Reliability

- Few other systems come close in terms of reliability and availability
- IBM i has earned a reputation for quality in development, test, manufacturing, delivery, support processes.
- IBM Rochester earned the prestigious Malcolm Baldrige National Quality Award



Automated Service



The robocall everyone wants to get

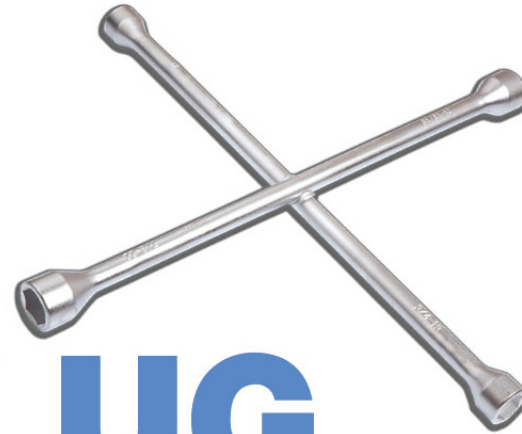


Automated Service

- Built-on Electronic Customer Support gives systems the capability to “call home” to report service events, usually before a client is even aware of the problem.
- IBM Support team responds with a level of problem determination and resolution that has routinely received industry accolades for excellence
- Often cited by clients as a primary motivation for their loyalty to IBM i

twenty
 **five**

LUG



Want something to change? Do it together



LUG (Large User Group)

- The most enduring and successful model for cooperative collaboration between enterprise systems users & IBM



Client Success



The Rochester way



Client Success - Rochester Way

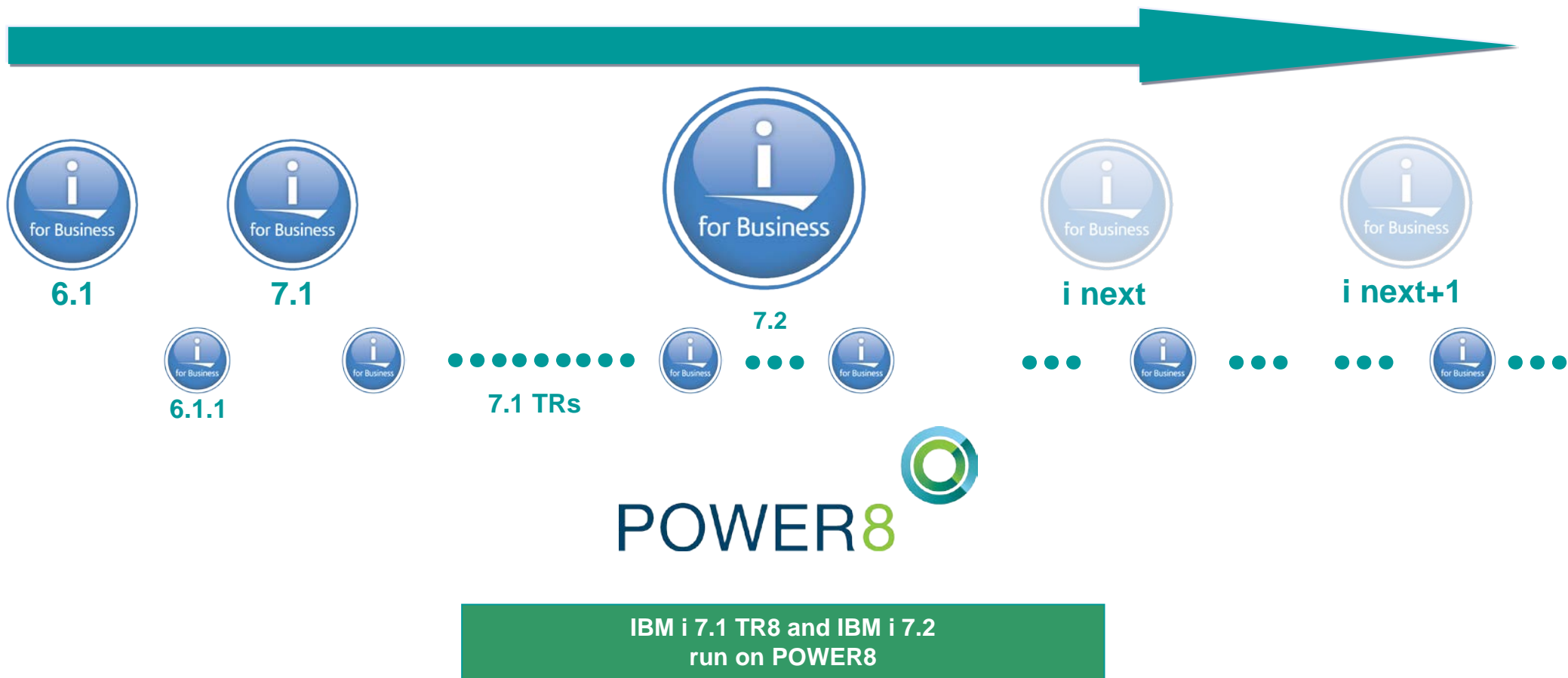
- Exceptional client experience.
- Design, development, integration, test, manufacturing, support is dedicated to the success of IBM i customers
- Customers measure new value for business
- ISVs & business partners see ROI
- Communities grow & are fostered by sharing & interaction

The Future of IBM i



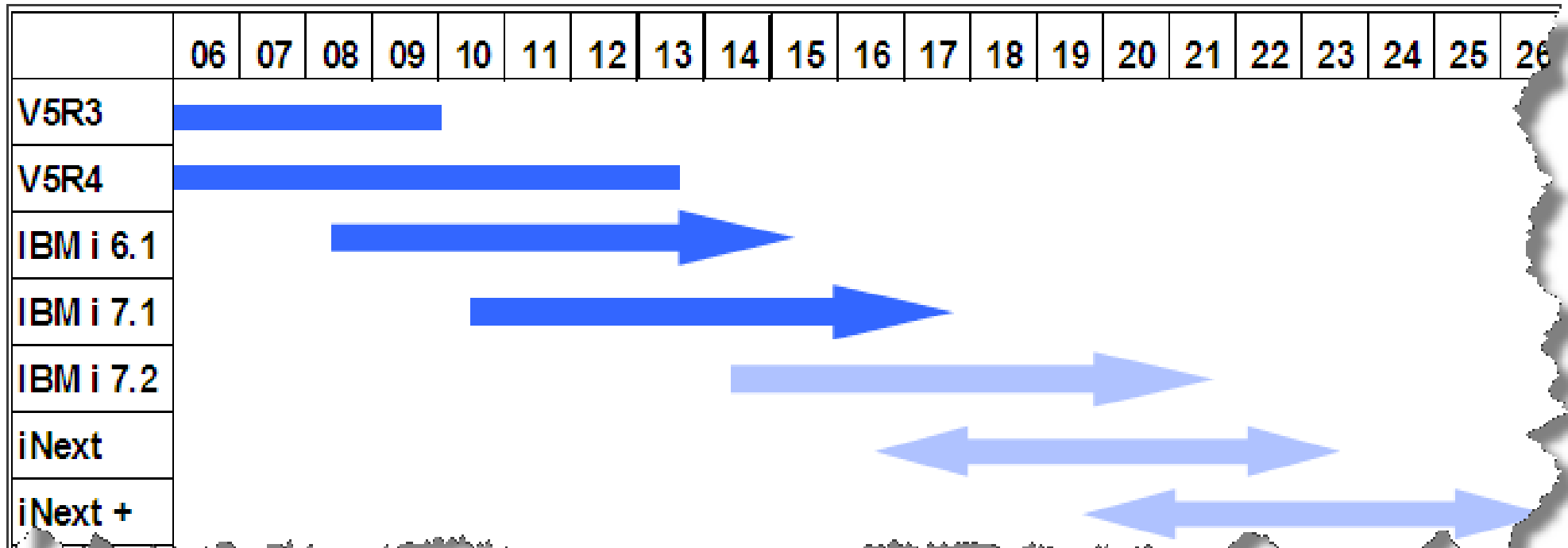
IBM i Roadmap

2008 2009 2010 2011 2012 2013 2014 2015



** All statements regarding IBM's future direction and intent are subject to change or withdrawal without notice, and represent goals and objectives only.

IBM i Support





IBM i Strategy and Roadmap



IBM i

An executive guide to IBM's strategy and roadmap for its integrated operating environment for Power Systems

An IBM® White Paper





IBM i Strategy and Roadmap

IBM i Strategy and Roadmap

Introduction

IBM i is the integrated operating environment for IBM Power Systems™, which is used by over 150,000 businesses around the world. The integrated database architecture of IBM i, with its heritage in the AS/400, iSeries and System i, provides a foundation for running a wide variety of industry applications, and helps businesses deliver services faster, with higher quality and with superior economics.

In 2008, IBM brought together System i and System p® into a unified POWER processor-based platform: IBM Power Systems. In 2010, IBM delivered new POWER7 processor-based systems, a new release of IBM i, and enhancements across our Power Systems Software portfolio, including PowerVM virtualization and PowerHA resiliency software. Our IBM i clients can take full advantage of IBM's leading processors, servers, storage and software portfolio.

We prioritize our IBM i strategy and new capabilities based on requirements and feedback on business value from our client advisory councils: representing mid-sized companies, large enterprises and our solutions providers. Their input and our technology investments have ensured that our IBM i clients are in the mainstream of major industry initiatives including business analytics, cloud technologies, and enterprise application modernization.



Colin Parris
General Manager
IBM Power Systems

This white paper is designed to help IT executives understand of our strategy and roadmap for the IBM i operating environment.

You will find that our commitment to our IBM i clients, ISVs and business partners is solid and unchanged. We continue to make substantial investments in the future of IBM i as an important, strategic element in our IBM systems portfolio.

Colin Parris
General Manager, IBM Power Systems



IBM i Strategy and Roadmap

IBM i Strategy and Roadmap

Introduction

IBM i is the integrated operating environment for IBM Power Systems™, which is used by over 150,000 businesses around the world. The integrated database architecture of IBM i, with its heritage in the AS/400, iSeries and System i, provides a foundation for running a wide variety of industry applications, and helps businesses deliver services faster, with higher quality and with superior economics.

In 2008, IBM brought together System i and System p® into a unified POWER processor-based platform: IBM Power Systems. In 2010, IBM delivered new POWER7 processor-based systems, a new release of IBM i, and enhancements across our Power Systems Software portfolio, including PowerVM virtualization and PowerHA resiliency software. Our IBM i clients can take full advantage of IBM's leading processors, servers, storage and software portfolio.

We prioritize our IBM i strategy and new capabilities based on requirements and feedback on business value from our client advisory councils: representing mid-sized companies, large enterprises and our solutions providers. Their input and our technology investments have ensured that our IBM i clients are in the mainstream of major industry initiatives including business analytics, cloud technologies, and enterprise application modernization.



Colin Parris
General Manager
IBM Power Systems

This white paper is designed to help IT executives understand of our strategy and roadmap for the IBM i operating environment.

You will find that our commitment to our IBM i clients, ISVs and business partners is solid and unchanged. We continue to make substantial investments in the future of IBM i as an important, strategic element in our IBM systems portfolio.

Colin Parris
General Manager, IBM Power Systems

2012!



2012

- You will find that our commitment to our IBM i clients, ISVs and business partners is solid and unchanged.
- We continue to make substantial investments in the future of IBM i as an important, strategic element in our IBM systems portfolio.



IBM i Strategy and Roadmap

IBM i Strategy and Roadmap

May 2014

IBM i is the integrated operating environment for IBM Power Systems™, which is used by midsized companies and large enterprises around the world. With its integrated DB2 database architecture, IBM i is known for providing a cost efficient, highly resilient and secure foundation for running a wide variety of popular industry applications. This white paper is designed to help IT executives understand our strategy and roadmap for the IBM i operating environment.

Since 2008, the IBM i operating environment has run on the IBM Power Systems server platform. These servers, based on industry leading POWER processor technology, also feature applications running in Linux and AIX. IBM i also exploits IBM Power Systems software technologies, including PowerVM for virtualization, PowerVC for cloud management and PowerHA for system resiliency.

If you are a long time user of IBM i or its predecessor IBM iSeries platform, or if you are deploying our systems for the first time, let me first thank you for the trust that you have placed in IBM, and our IBM Business Partners. I want to assure you that IBM is committed to the IBM i platform as a vital component of our Power Systems portfolio. IBM i is key to our broader strategy of investing in enterprise systems and storage. IBM is a leading innovator in server solutions, with best-in-class service and support and a significant presence in both major and growth markets.



Doug Balog
General Manager
IBM Power Systems

In 2014, we are demonstrating our commitment to investing in the long term development and support of IBM i by delivering a major new release, IBM i 7.2. We have carefully prioritized new database security and systems management features in this release with guidance from our user groups and partner advisory councils. In addition, our ongoing commitment to IBM i is also demonstrated by our regular semi-annual delivery of easy-to-deploy IBM i Technology Refreshes.

Of course, IBM i is best known for being a cost efficient workhorse for critical core applications that are at the heart of many businesses IT solutions. But I hope that this white paper will encourage you to consider how businesses are using IBM i in new ways today – especially how they are exploiting IBM i for cloud solutions, mobile applications and business analytics. And, I also encourage you to consider leveraging IBM i with open industry technologies including PHP and Linux applications, which can offer exceptional value when integrated with your core business solutions.

Thank you again for your business.

Doug Balog
General Manager, IBM Power Systems

2014!



2014

- I want to assure you that IBM is committed to the IBM i platform as a vital component of our Power Systems portfolio.
- IBM i is key to our broader strategy of investing in enterprise systems and storage. IBM is a leading innovator in server solutions, with best-in class service and support and a significant presence in both major and growth markets.

Promoting IBM i



Trevor Perry



Promoting IBM i

- Community consistency
- Branding
- Marketing
- Your passion

Community



Trevor Perry



A couple of weeks of topics

- Where can I find a list of current IBM i companies?
- Recommendations on i5OS socket program.
- un zip on iseries
- iSeries training
- replicate PROD iseries box to distant TEST box cross-country
- Setting IP redundancy in AS/400
- IBM i Usage limit? what does this message mean?
- Hardware Courses for iSeries



A couple of weeks of topics

- Where can I find a list of current **IBM i** companies?
- Recommendations on **i5OS** socket program.
- un zip on **iseries**
- **iSeries** training
- replicate PROD **iseries** box to distant TEST box cross-country
- Setting IP redundancy in **AS/400**
- **IBM i** Usage limit? what does this message mean?
- Hardware Courses for **iSeries**

Rapidly Develop New IBM i Mobile Web Apps

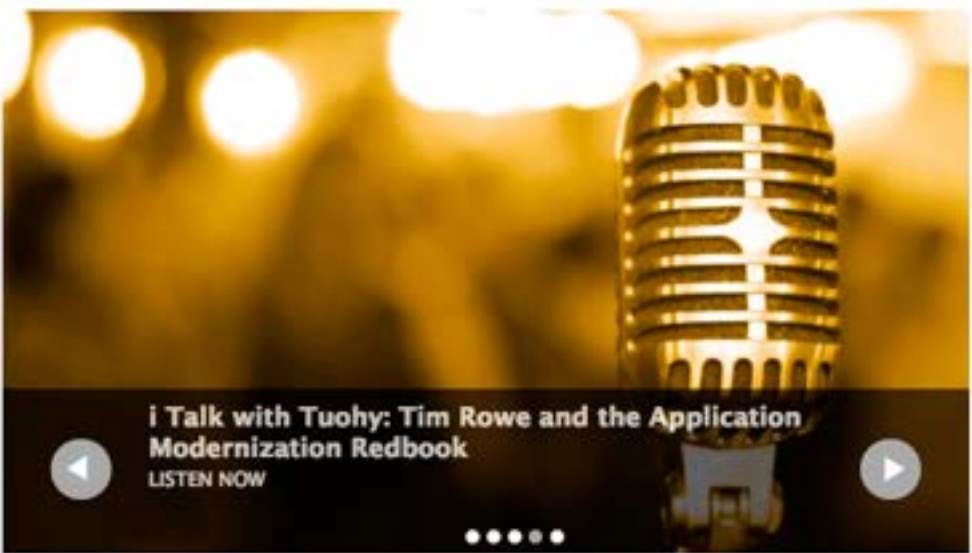
WebSmart[®]
Mobile • PHP • ILE



VIEW VIDEO
See how to create mobile IBM i apps in minutes

BCD
IBM i Modernization

Advertisement
Also see rapid IBM i mobile development with BCD's Presto™ and WebSmart®
IBM i WEBINAR RECORDING
VIEW NOW
BCD



The Latest

IBM i 7.1 Technology Refresh 7 Highlights: Application Development

IBM Announces RPG Free Format Enhancements [2]

PowerRuby Brings Enterprise Ruby on Rails Support to IBM i

i Talk with Tuohy: Ian Jarman and 25 Years of IBM i [TRANSCRIPT]

Tech News & Tips for IBM i

- MUST READS
- A Little QShell Goes a Long Way, Part 3
 - Get on the Fast Track with Rails
 - Maximize the Business Value of RD Power, Part 1
 - Handling Giant Programs: Refactoring RPG Spaghetti Code [2]

MVP

- 85+ hours of Videos
- eBooks
- Articles
- Digital Magazine
- Discounts

Join Now!
Already a member

Advertisement

“All of the web applications we created for PCs with WebSmart display and work beautifully on iPads with no special programming.”

Marjorie Crouse, Seneca Sawmill

WebSmart[®] BCD

iPro Forums

Instantly Modernize Green Screens for Mobile

Presto™
No source code changes



TRY IT FREE

BCD
IBM i Modernization

Tech News & Tips for IBM i



ARTICLE OCT. 23, 2013

Maximize the Business Value of RD Power, Part 2

In Part 1 of this series, you learned about the first modernization dynamic: productivity gains from modern tools. Part 2 delves into the other four dynamics and how they can help you achieve a return on investment and reclaim opportunity costs....[More](#)



ARTICLE OCT. 21, 2013

Write an Entire RPG Program in Free Form!

With the latest enhancement to RPG, you now have even more freedom to code in free format. Barbara Morris introduces you to all the new free-form statements, as well as to a few changes to existing keywords that will make it easier to code your RPG programs....[More](#)



ARTICLE OCT. 17, 2013

Avoid IBM i Application Modernization Mistakes

Avoid common mistakes during the development life cycle of your IBM i application modernization project....[More](#)



AUDIO OCT. 16, 2013

i Talk with Tuohy: Tim Rowe and the Application Modernization Redbook

In the fourth i Talk with Tuohy, Paul chats with Tim Rowe, IBM's business architect for application development and system management, about IBM's Application Modernization Redbook project....[More](#)



ARTICLE OCT. 14, 2013

Craft (and Measure) a Killer User Experience

Follow Greg Hintermeister's advice to creating dazzling apps that are easy to navigate, reliable, and trustworthy....[More](#)



ARTICLE OCT. 11, 2013

OnDemand Tracking of Important System Limits on IBM i

Reaching a system limit can render your machine unusable or put it in a state of extended recovery. In this article, Scott Forstle covers OnDemand Tracking of Important System Limits on IBM i, which keeps you informed of the health of your system and positions you for continued success....[More](#)



SPONSORED OCT. 10, 2013

Securing SQL Activity on AS/400

IBM i Exclusive White Paper: Securing SQL Activity There are easy ways to track, restrict, and report on SQL activity in your Power Systems (IBM i, iSeries, AS/400) environment. Download the white paper to find out how to capture native and remote SQL commands on your IBM i, plus: Cringe-worthy menu security myths Secrets for simple SQL audits IBM i's database monitor explained Gain the upper hand and protect your IBM i data from SQL activity before it's too late....[More](#)



Get answers to questions, share tips, and engage with the iPro Community in our Forums.

iPro Developer Newsletters

- Power IT Pro News
- Power IT Pro Tips
- PowerWire Europe
- iPro Developer Insight

By submitting I agree to terms of use & privacy statement.

Online Training

Create Mobile Web Applications Using RPG

You can easily create mobile web applications using RPG on the IBM i. In this 5-session course, Craig Pelkie shows you how by using the IBM CGIDEV2 web development library with the jQuery Mobile framework, you can quickly create mobile web applications that are perfectly matched to the device and are easy for your users to work with.

Microsoft SQL Server for IBM i Developers, Track 2

In track 2 of Craig Pelkie's Microsoft SQL Server for IBM i Developers training series, you'll learn about other features of SQL Server and work with Reporting Services to develop full-featured applications that can be deployed in a web environment.

XML for RPG Programmers

XML is rapidly becoming a must-have skill for today's application developers. In this course, Jon Paris will introduce RPGers to the XML language itself and will also explore how RPG IV can be used to both create and consume XML, more easily than you may think.

From the Blogs



BLOG OCT. 8, 2013
IBM i 7.1 Technology Refresh 7 Highlights:

Rapidly Develop New IBM i Mobile Web Apps

WebSmart
Mobile • PHP • ILE

10% OFF
ON YOUR ORDER BY PAYING BY CREDIT CARD

VIEW VIDEO
See how to create mobile IBM i apps in minutes

BCD
IBM i Modernization

Instantly Modernize Green Screens for Mobile

Presto
No source code changes

10% OFF
ON YOUR ORDER BY PAYING BY CREDIT CARD

TRY IT FREE

BCD
IBM i Modernization



AUDIO

OCT. 16, 2013

i Talk with Tuohy: Tim Rowe and the Application Modernization Redbook

In the fourth i Talk with Tuohy, Paul chats with Tim Rowe, IBM's business architect for application development and system management, about IBM's

Application Modernization Redbook project....[More](#)



ARTICLE

OCT. 14, 2013

Craft (and Measure) a Killer User Experience

Follow Greg Hintermeister's advice to creating dazzling apps that are easy to navigate, reliable, and trustworthy....[More](#)



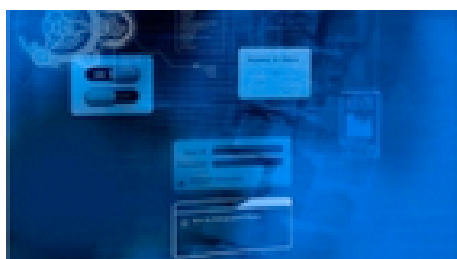
ARTICLE

OCT. 11, 2013

OnDemand Tracking of Important System Limits on IBM i

Reaching a system limit can render your machine unusable or put it in a state of extended recovery. In this article, Scott Forstie covers OnDemand Tracking of Important System Limits on IBM i, which keeps you informed of the health

of your system and positions you for continued success....[More](#)



SPONSORED

OCT. 10, 2013

Securing SQL Activity on AS/400 1

IBM i Exclusive White Paper: Securing SQL Activity There are easy ways to track, restrict, and report on SQL activity in your Power Systems (IBM i, iSeries, AS/400) environment. Download the white paper to find out how to

capture native and remote SQL commands on your IBM i, plus: Cringe-worthy menu security myths
Secrets for simple SQL audits IBM i's database monitor explained Gain the upper hand and protect your IBM i data from SQL activity before it's too late....[More](#)

HOME > RESOURCES > SAFESTONE > SECURING SQL ACTIVITY ON AS/400

Securing SQL Activity on AS/400

Sponsored by: SafeStone

| *iPro Developer*

Oct. 10, 2013

EMAIL SHARE Tweet +1 Recommend **COMMENTS**

Advertisement **IBM i Exclusive White Paper: Securing SQL Activity** There are easy ways to track, restrict, and report on SQL activity in your Power Systems (IBM i, iSeries, AS/400) environment. Download the white paper to find out how to capture native and remote SQL commands on your IBM i, plus:

- Cringe-worthy menu security myths
- Secrets for simple SQL audits
- IBM i's database monitor explained

Gain the upper hand and protect your IBM i data from SQL activity before it's too late.

All fields are required*

Not You? Please clear your cookies and refresh this page

Email Address:*

First Name:*

Last Name:*

Brought to You By:

safestone

Phone:*

How many employees does your company have?*

Less Than 50

Which ONE of the following describes your organization's primary activity?*

Computer/Data Processing/Information Technology Services

Which ONE of the following BEST describes your principal job function?*

Consultant/Integration

Please Select... on your IBM server(s)?*

- ✓ IBM i
- AIX
- Linux
- Other
- I'm considering an IBM solution

REGISTER NOW!

This is a sponsored offer, as specified in our [privacy statement](#). The information you submit on this form will be shared with the sponsor and used in accordance with the sponsor's privacy policy.

PRINT REPRINT SAVE EMAIL SHARE Tweet +1 Recommend 0

Discuss this Article 1

tappehl

on Oct 18, 2013

Please #ibmistepup.. IBM i is (one of) the operating system on IBM Power.. WE know that, so should you.

reply

POSTING AS: [trevor](#)

[\(Sign Out\)](#)

safestone

WHITE PAPER:

Securing SQL Activity on AS/400

(IBM i, System i, iSeries)

By Phil Johnson
Product Director
Safestone

safestone

WHITE PAPER:

Securing SQL Activity on ~~AS/400~~ IBM i ~~AS/400~~ (IBM i, System i, iSeries)

By ~~Phil Johnson~~ Platform Supporter
Product Director
Safestone

What it is!

- IBM i



- Power Systems

POWER8



Branding



Trevor Perry

Rebranding



- Rebranding is the creation of a new name, term, symbol, design, or combination thereof for an established brand with the intention of developing a differentiated (new) position in the mind of stakeholders and competitors.

Branding - 1972



Branding - 1987



Branding - 1992



Branding - 2012



Branding - 1972



Branding - 2012



Branding



ca 1920



1920, AR Saunders



1922



1947



1958, Raymond Loewy



1989, Siegel & Gale



2000, Landor Associates

Branding

3M

1948



1950



1960

3M

1960

3M

1951

3M

1952

3M
COMPANY

1961, Gerald Stahl & Associates

3M



1954



1954

3M



1955

3M

1956

1978, Segel & Gale

Branding - 1934-1953

LEGO

1934

FABRIKEN **LEGO** *BILLUND*
— FÅR ENKE FØDSEL TIL DEN NYE LEGETØJ —

1936



1936

LEGO
Klodsen

1946



1950



1953

Branding - 1954-1998



1954



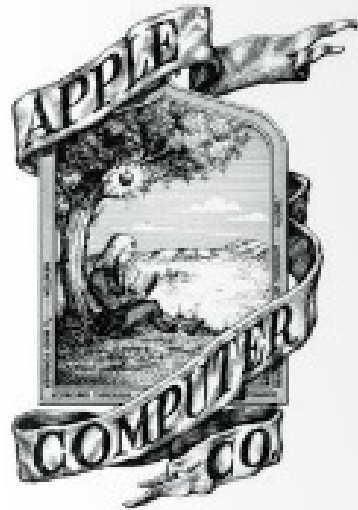
1955



1959



Branding - 1976-1984



1976, Ronald Wayne



1977, Rob Janoff




Branding - 1988-2007





1998-2007, Apple




Branding

	Hardware	Software
1988		OS/400






Branding

	Hardware	Software
1988		OS/400
2000		

Branding

	Hardware	Software
1988		OS/400
2000		
2006	System i	

Branding

	Hardware	Software
1988		OS/400
2000		
2006	System i	
2008		

Branding



Current Branding



Marketing



Trevor Perry

Marketing



Coca-Cola

IBM

Marketing

Coca-Cola

IBM



Google™

Consumer marketing



Consumer marketing





Consumer marketing

Mars | World's Leading Petcare, Chocolate, Confection, Food & Drink Company

www.mars.com/global/index.aspx

MARS

Home Brands About Mars Press center Careers

Petcare Chocolate Wrigley Food Drinks Symbioscience

Country & language + Contact us

Search GO

Welcome to Mars

Share

Principles in Action Summary 2011

01 02 03

Mars Unwrapped

Addressing the challenges we share with society is part of our mandate as a food company committed to making a difference. See our 2011 Principles in Action Summary. [Read more](#)

Quick job search

460 Jobs available globally

Job reference

Enter job reference

Region

All

Functional area

All

Search

Explore all open opportunities

Brands

erved.

Consumer marketing

| Brands



10 habits of highly effective CISOs

It takes a key set of skills to bridge security and the C-level

[Read the new report to learn more](#) →



@IBM: Infographic: How IBM's #WomenInTech have played a significant role in our 102-year history of innovation



Let's build a smarter planet

Explore by smarter industry or topic



Build your cloud. Conserve your cash.

Acquire cloud solutions with affordable financing



Transform your data economics

With IBM Storwize and XIV storage systems—and more

Connect with us

- [Create a profile](#)
- [Communities](#)
- [Academic collaboration](#)
- [Research collaboration](#)
- [IBMers past and present](#)
- [IBM Voices](#)

Key topics

- [A smarter planet](#)
- [Analytics](#)
- [Big data](#)
- [IBM Cloud](#)
- [SoftLayer Cloud](#)
- [Smarter commerce](#)
- [Smarter Computing](#)
- [Smarter Cities](#)

Information for

- [C-suite executives](#)
- [Industries](#)
- [Small and medium business solutions](#)
- [Developers](#)
- [IBM Business Partners](#)
- [Investors](#)
- [Job seekers](#)

Shop & buy

- [Special offers](#)
- [Personal computers](#)
- [Ready to buy?](#)
- [Financing](#)
- [Find a sales rep](#)
- [Find a Business Partner](#)
- [IBM logo merchandise](#)

About IBM

- [Latest news](#)
- [IBM's Centennial](#)
- [IBM Research](#)
- [Corporate responsibility](#)
- [Employee directory](#)
- [More about IBM](#)

Popular links

- [Careers](#)
- [Fix central](#)
- [Passport Advantage](#)
- [Product security bulletins](#)
- [Software](#)
- [System x](#)
- [Watson](#)



PureData. The name says it all.

The new member of the PureSystems family
is made to tackle data head-on

[Meet the PureData System →](#)

@IBM: The Gap Between the Vision for Marketing and Reality: <http://t.co/fcUmy2yc> via MITSloan Management Review



Let's build a smarter planet

Explore by smarter
industry or topic



IT security begins in the boardroom

Why CISOs need the business
value of integrated solutions



Innovation explanations

IBM's Sara Weber talks about
the potential of social media

Connect with us

- » Create a profile
- » Communities
- » Events
- » Academic collaboration
- » Research collaboration
- » IBMers past and present

Key topics

- » A smarter planet
- » Analytics
- » Cloud computing
- » Security and resilience
- » Smarter commerce
- » Smarter Computing
- » Sustainability
- » Smarter Cities

Information for

- » C-suite executives
- » Industries
- » Small and medium business
- » Developers
- » IBM Business Partners
- » Investors
- » Job seekers

Shop & buy

- » Special offers
- » Personal computers
- » Ready to buy?
- » Financing
- » Find a sales rep
- » Find a Business Partner
- » IBM logo merchandise

About IBM

- » Latest news
- » IBM's Centennial
- » IBM Research
- » Corporate responsibility
- » Employee directory
- » More about IBM

Popular links

- » Careers
- » Fix central
- » Passport Advantage
- » Product security bulletins
- » Software
- » System x
- » Watson

[Industries & solutions](#)[Services](#)[Products](#)[Support & downloads](#)[My IBM](#)

Smarter for the planet

IBM and the Nature Conservancy partner up to protect the Amazon rainforest

[Here's how you can help →](#)

@IBM: "Since computers were invented, they've been called brains." - @DharmendraModha <http://t.co/vRa7D61nkU> @TheAtlantic



What's new on a Smarter Planet?

Explore ideas for how we live, work and innovate



Taking cloud to new heights

Tamar Eilam: IBM Fellow and deep computing innovator



Take the wait out of app development

IBM Cloud marketplace has 200+ solutions for you

Connect with us

- Create a profile
- Communities
- Academic collaboration
- Research collaboration
- IBMers past and present
- IBM Voices

Key topics

- Smarter Planet
- Analytics
- Big Data
- IBM Cloud
- IBM PureSystems
- Mobile Enterprise
- SoftLayer Cloud
- Smarter Commerce
- Smarter Computing
- Smarter Cities
- Social Business

Information for

- C-suite executives
- Industries
- Small and medium business solutions
- Developers
- IBM Business Partners
- Investors
- Job seekers

Shop & buy

- Special offers
- Personal computers
- Ready to buy?
- Financing
- Find a sales rep
- Find a Business Partner
- IBM logo merchandise

About IBM

- Latest news
- IBM's Centennial
- IBM Research
- Case studies
- Corporate responsibility
- Employee directory
- More about IBM

Popular links

- Apple + IBM partnership
- Careers
- Fix central
- Passport Advantage
- Product security bulletins
- Software
- System x
- Watson

[Solutions](#)[Services](#)[Products](#)[Support & downloads](#)[My IBM](#)

Search

**Solution overviews**

- A smarter planet
- Industry solutions
- Case studies
- Medium business solutions
- Small business solutions
- Financing of solutions
- All solutions

Solution topics

- Analytics
- Application lifecycle management
- Asset management
- Application infrastructure
- Business process management
- Cloud computing
- Commerce
- Complex and embedded systems
- Connectivity and integration
- Data management
- Data warehousing
- Energy & environment
- Enterprise content management
- Enterprise marketing management
- Enterprise modermization
- Enterprise resource planning
- Expert integrated systems
- Product lifecycle management
- Security

Business Partners

- IBM and Cisco
- IBM and Dassault Systèmes
- IBM and Oracle
- IBM and SAP
- More alliances
- Business Partner solutions
- Find a Business Partner

PureData. The name says it all.

The new member of the PureSystems family
is made to tackle data head-on

[Meet the PureData System →](#)

@IBM: RT @cagodether: Notes on Jason McGee Keynote on #IBMPuresystems at #JavaOne <http://t.co/yp8KsJE4>



Let's build a
smarter planet



IT security begins
in the boardroom



Innovation
explanations



Solutions

Services

Products

Support & downloads

My IBM

Search

**Business services**

- Application innovation
- Business analytics
- Business strategy
- Commerce consulting
- Midmarket expertise
- All business services

IT services

- Application management
- Business continuity and resiliency
- Cloud
- Data center
- Integrated communications
- Mobility services

- Security
- Software
- Strategy and design
- Systems lab
- Technical support
- Workplace

Outsourcing services

- Application outsourcing
- Business process outsourcing
- IT outsourcing and hosting

Training

- Offerings
- Certification
- Conferences & events

Additional services

- Consulting alliances
- IT services financing
- Project financing
- Working capital
- All services

PureData. The name says it all.

The new member of the PureSystems family
is made to tackle data head-on

[Meet the PureData System →](#)

@IBM: Meet the newest member of the PureSystems Family - IBM PureData System: <http://t.co/nliiqn8>



Let's build a
smarter planet



IT security begins
in the boardroom



Innovation
explanations



Solutions

Services

Products

Support & downloads

My IBM

Search

**Software**

- Product finder
- Downloads
- Business analytics (Cognos, SPSS)
- Enterprise content management
- Information management (DB2, Informix, InfoSphere)

- Lotus (collaboration)
- Rational (software and systems delivery)
- Tivoli (service management)
- WebSphere (integration and optimization)
- System z software

Systems

- PureSystems
- Power Systems (AIX, IBM i, Linux)
- System z (Mainframe)
- System x (xSeries)
- Blade servers
- UNIX servers
- Systems software

Storage

- Disk systems
- Tape systems
- Storage area networks
- Network attached storage

Additional products

- Certified used servers and storage
- Certified used personal computers
- Networking
- Point of sale
- Security
- Semiconductors
- Upgrades, accessories and parts
- Hardware financing
- Software financing
- Financing for medium business
- All products

PureData. The name says it all.

The new member of the PureSystems family is made to tackle data head-on

[Meet the PureData System →](#)

@IBM: RT @stfunk: NTV News Kenya report on Deep Thunder, Watson & new lab in Africa with IBMer Roman Strachowski



Let's build a smarter planet



IT security begins in the boardroom



Innovation explanations



Solutions

Services

Products

Support & downloads

My IBM

Search

**Software**

- Product finder
- Downloads
- Business analytics (Cognos, SPSS)
- Enterprise content management
- Information management (DB2, Informix, InfoSphere)

- Lotus (collaboration)
- Rational (software and systems delivery)
- Tivoli (service management)
- WebSphere (integration and optimization)
- System z software

Systems

- PureSystems
- Power Systems (AIX, IBM i, Linux)
- System z (mainframe)
- System x (xSeries)
- Blade servers
- UNIX servers
- Systems software

Storage

- Disk systems
- Tape systems
- Storage area networks
- Network attached storage

Additional products

- Certified used servers and storage
- Certified used personal computers
- Networking
- Point of sale
- Security
- Semiconductors
- Upgrades, accessories and parts
- Hardware financing
- Software financing
- Financing for medium business
- All products

PureData. The name says it all.

The new member of the PureSystems family is made to tackle data head-on

[Meet the PureData System →](#)

@IBM: RT @stfunk: NTV News Kenya report on Deep Thunder, Watson & new lab in Africa with IBMer Roman Strachowski



Let's build a
smarter planet



IT security begins
in the boardroom



Innovation
explanations



Software

- Product finder
- Downloads
- Business analytics (Cognos, SPSS)
- Enterprise content management
- Information management (DB2, Informix, InfoSphere)

- Lotus (collaboration)
- Rational (software and systems delivery)
- Tivoli (service management)
- WebSphere (integration and optimization)
- System z software

Systems

- PureSystems
- **PureSystems (AIX, IBM i, Linux)**
- System z (mainframe)
- System x (xSeries)
- Blade servers
- UNIX servers
- Systems software

Storage

- Disk systems
- Tape systems
- Storage area networks
- Network attached storage

Additional products

- Certified used servers and storage
- Certified used personal computers
- Networking
- Point of sale
- Security
- Semiconductors
- Upgrades, accessories and parts
- Hardware financing
- Software financing
- Financing for medium business
- All products

PureData. The name says it all.

The new member of the PureSystems family is made to tackle data head-on

[Meet the PureData System →](#)

@IBM: RT @stfunk: NTV News Kenya report on Deep Thunder, Watson & new lab in Africa with IBMer Roman Strachowski



Let's build a smarter planet



IT security begins in the boardroom



Innovation explanations

[IBM Systems >](#)

IBM Power Systems

View the latest announcement

Introducing the next generation of applications for big data and analytics

[Learn more >](#)


[Next generation applications for big data and analytics](#) and [cognitive computing](#) are providing unprecedented insights into opportunities, threats and efficiencies for organizations to discover new revenue sources, develop personalized customer experiences, such as personalized medicine, and improve the communities in which we live. Built as an [open platform for choice](#) (industry standard Linux, AIX and IBM i), Power Systems provides flexibility and choice for organizations of all sizes to turn massive volumes of raw data into actionable business insights.

Contact IBM



- [Email IBM](#)
- [Find a Business Partner](#)
- [Call IBM: 1-866-883-8901](#)
Priority code: 101AR13W

Browse Power Systems

Attend Power Systems events



What's Next for IT? Video Debate | October 29
IT experts tackle open standards, OpenStack and community development
[Register today](#)

[Find an event near you](#)

Spotlight



Building the Smarter Enterprise

Read the blog by Doug Balog, General Manager of IBM Power Systems



More on the latest Power Systems announcement

Learn how Power Systems gives you better, more economical options



The OpenPOWER Consortium and Power8

Read what the press has to say about



Big data and analytics

(00:04:12)

Enabling faster insights with Power Systems



Cognitive computing

Putting Watson to work with IBM Power Systems



Open platform for choice

(00:04:39)

IBM PowerLinux - backed by the Linux community

Connect with thought leaders



and **Power7**

Read what the press has to say about these exciting developments



The Business and Economic Advantages of SmartCloud Entry for Power Systems (PDF, 721KB)

Get the Edison report



Big Data Without the Big Bang or Big Bucks

See how PowerLinux can help you deliver better results

[POWER for large enterprises >](#)

[POWER for mid-sized businesses >](#)

[POWER for developers >](#)

[Power for IT architects >](#)

Connect with thought leaders



Elisabeth Stahl,
Benchmarking and Systems Performance



AIXpert
Nigel Griffiths



Steve Will,
You and I, IBM | Chief Architect



Jeff Scheel,
IBM Linux Technology Center

What we offer:



Power servers and Blades: ▾

Operating systems: ▾

Systems Software: ▾

Power Systems solutions: ▾

Find out more about Power Systems

Select one ▾

Top links for IT Professionals:

- [→ Power Systems Technical Guide](#)
- [→ POWER7 performance benchmarks](#)
- [→ Compare Power Systems to HP and Sun](#)
- [→ Power Systems Redbooks](#)

Related links

- [→ Special offers for Power Systems](#)
- [→ IBM Storage for Power Systems](#)
- [→ IBM Networking solutions](#)

Community connections

- [Power Systems community links](#)
- [→ IBM Champions for Power Systems](#)
- [⇄ Power Systems Job Board](#)
- [Follow Power Systems on Twitter](#)
- [Like Power Systems on Facebook](#)
- [Connect with Power Systems on LinkedIn](#)
- [Power Systems on YouTube](#)
- [See Power Systems Flickr photostream](#)
- [Power Systems RSS feed](#)



Deliver better insights, faster

New best-in-class versatility and performance is your engine for an information-centric world



There is no upside to downtime

IBM Power Systems keeps your business and your cloud up



Better performance, lower costs

The PowerLinux choice: twice the capability, or half the cost



Stay smart while on the go

Getting the latest information on Power Systems products couldn't be simpler!



Smarter Computing

The IT infrastructure that enables a Smarter Planet

[Learn more >](#)



Customized report

Enter basic details to generate a customized IDC white paper for your business

[Learn more >](#)





IBM i

For Power Systems (including AS/400, iSeries, and System i)



Overview

Getting started

Solutions

About IBM i

Resources

Built for business

IBM i is an integrated operating environment with a 25-year reputation for exceptional security and business resilience. [Learn more.](#)

View the latest announcement

Introducing the next generation of applications for big data and analytics

[→ Learn more](#)



Contact IBM



[Email IBM](#)

[→ Find a Business Partner](#)

[Call IBM: 1-866-883-8901](#)
Priority code: 101AR13W

Browse Power Systems

Attend Power Systems events



IT infrastructure matters

Unlock cloud. Unleash data. Watch the webcast

[→ Register for the on demand replay](#)

[→ Find an event near you](#)

Spotlight



New SAP BW-EML record >

Power Systems, IBM i, DB2 delivers analytics performance, efficiency, simplicity for SAP Benchmark



Benefits of SAP on IBM i (PDF, 3.16 MB)

State-of-the-art capabilities - read the ITG analysis of the benefits of SAP on IBM i



You decide: IBM i vs x86 operating systems

How to achieve lower costs, higher availability and security



Next generation applications

AriZona cuts costs by 50%, grows case sales by 14% by migrating SAP applications and database to IBM i



Flexibility of choice (PDF, 500KB)

To respond to business needs Liverpool Football Club builds a fast, reliable platform with Power Systems

[POWER for large enterprises >](#)

[POWER for mid-sized businesses >](#)

IBM i experts



Steve Will,

You and i, IBM i Chief Architect



Dawn May,

i Can, IBM i Software Architect



Mike Cain

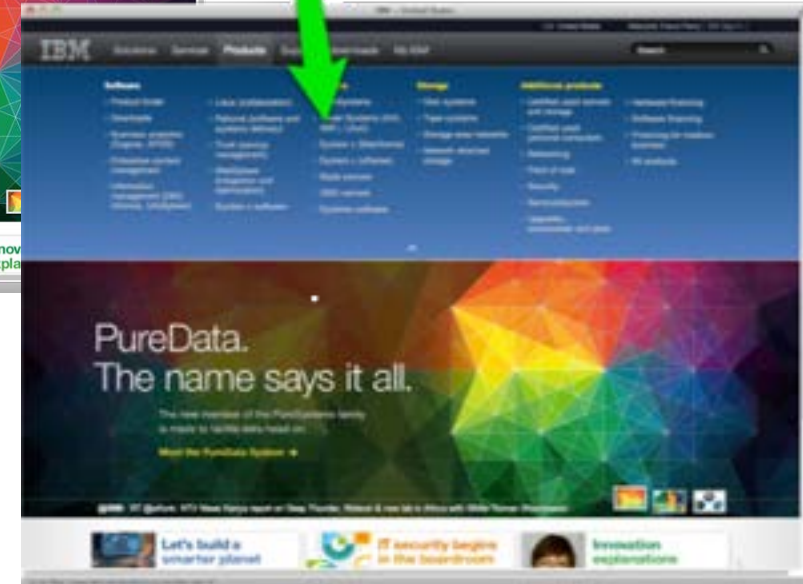
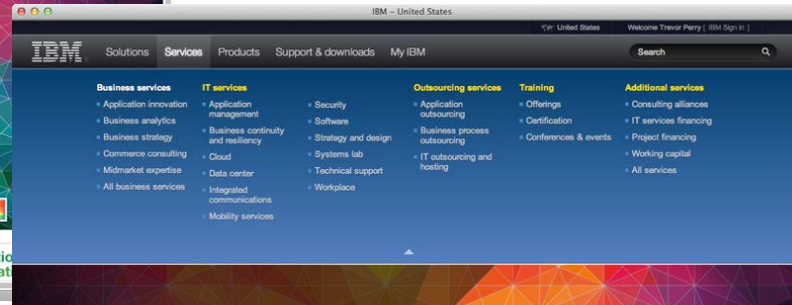
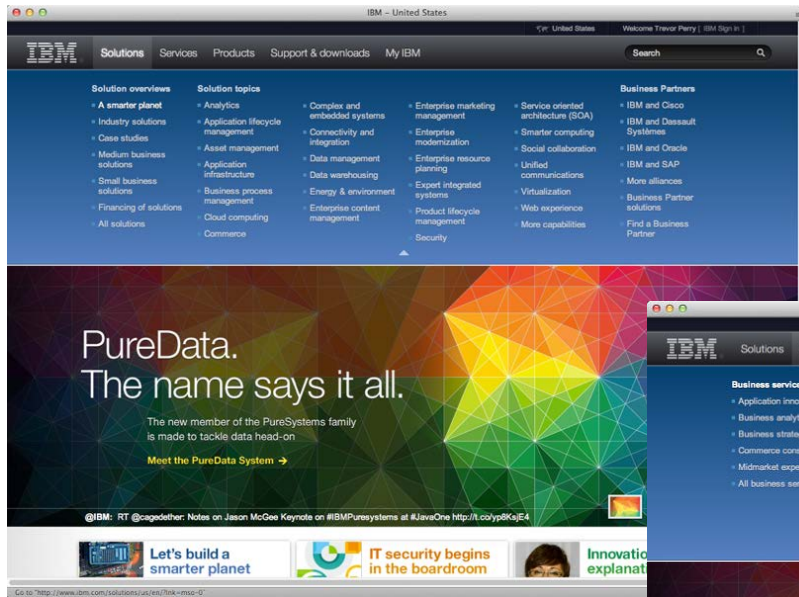
Team Leader, DB2 for i Center of Excellence



To you...



To IBM...





IBM i

For Power Systems (including AS/400, iSeries, and System i)



- Overview
- Getting started
- Solutions
- About IBM i
- Resources

Built for business

IBM i is an integrated operating environment with a 25-year reputation for exceptional security and business resilience. [Learn more.](#)

View the latest announcement

Introducing the next generation of applications for big data and analytics

[→ Learn more](#)



Contact IBM



- Email IBM
- Find a Business Partner
- Call IBM: 1-866-883-8901
Priority code: 101AR13W

Browse Power Systems

Attend Power Systems events



IT infrastructure matters
Unlock cloud. Unleash data. Watch the webcast
[→ Register for the on demand replay](#)

[→ Find an event near you](#)

Spotlight



New SAP BW-EML record [↔](#)
Power Systems, IBM i, DB2 delivers analytics performance, efficiency, simplicity for SAP Benchmark



Benefits of SAP on IBM i (PDF, 3.16 MB)
State-of-the-art capabilities - read the ITG analysis of the benefits of SAP on IBM i



You decide: IBM i vs x86 operating systems
How to achieve lower costs, higher availability and security



Next generation applications
AriZona cuts costs by 50%, grows case sales by 14% by migrating SAP applications and database to IBM i



Flexibility of choice (PDF, 500KB)
To respond to business needs Liverpool Football Club builds a fast, reliable platform with Power Systems

- [POWER for large enterprises >](#)
- [POWER for mid-sized businesses >](#)

IBM i experts



Steve Will,
You and i, IBM i Chief Architect



Dawn May,
i Can, IBM i Software Architect



Mike Cain
Team Leader, DB2 for i Center of Excellence





IBM i

For Power Systems (including AS/400, iSeries, and System i)

[Overview](#)[Getting started](#)[Solutions](#)[About IBM i](#)[Resources](#)

Built for business

IBM i is an integrated operating environment with a reputation for exceptional security and business resilience for over 25 years.

[→ Learn more about IBM i](#)

Introducing the new IBM i



[See the video](#)

Contact IBM



[Email IBM](#)

[→ Find a Business Partner](#)

[Call IBM: 1-866-883-8901](#)
Priority code: 101AR13W

Browse Power Systems



Announcing IBM i 7.2

Extends the value proposition of a truly integrated operating system providing new function to lock down critical data, simplify system management tasks and more.

[→ Hear from Steve Will, IBM i Chief Architect and other experts](#)

What we offer:

IBM i

Get more from IBM i

Why IBM i



The IBM i strategy

[Read the white paper](#) (220KB)



SAP on IBM i (PDF, 3.16 MB)

State-of-the-art capabilities - read the ITG analysis of the benefits of SAP on IBM i



You decide: IBM i vs x86 operating systems

How to achieve lower costs, higher availability and security



Need to quantify the cost of downtime?

Compare resiliency of IBM i vs x86 commodity servers

Client success stories



Enabling success on the POWER8 platform (00:02:29)

Key benefits for SMB's and manufacturing distribution clients



Movado (PDF, 2.2MB)

Accelerates business processes with SAP software on IBM i



Plastipak

SAP and IBM combination enables delivery of quality products on time, every time



Connectria (PDF, 663KB)

Hosts diverse customer needs with IBM Power Systems and IBM i



Liverpool Football Club (PDF)

Attend Power Systems events



Enterprise2014 | October 6-10

The Venetian, Las Vegas, Nevada
The premier enterprise infrastructure event

[→ Join us](#)

[→ Find an event near you](#)

See recent announcements



Open innovation to put data to work

Delivering faster insights in ways never before possible

[→ Learn more](#)

Financing for Power Systems

0% 24 month financing for select Power Systems servers, Maximize your investment with IBM Global Financing.

[→ Learn more](#)





IBM Systems > Power Systems > Software >

IBM i

For Power Systems (including AS/400, iSeries, and System i)



Overview

Getting started

Solutions

About IBM i

Resources

Built for business

IBM i is an integrated operating environment with a reputation for exceptional security and business resilience for over 25 years.

[→ Learn more about IBM i](#)

Introducing the new IBM i



[See the video](#)



Announcing IBM i 7.2

Extends the value proposition of a trusted operating system providing new function to lock down critical data, simplify system management tasks and more.
[→ Hear from Steve Will, IBM i Chief Architect](#) [Watch the video](#) [Read the experts](#)

What we offer:

IBM i

More from IBM i

Why IBM i



The IBM i strategy

[Read the white paper](#) (220KB)



SAP on IBM i (PDF, 3.16 MB)

State-of-the-art capabilities - read the ITG analysis of the benefits of SAP on IBM i



You decide: IBM i vs x86 operating systems

How to achieve lower costs, higher availability and security



Need to quantify the cost of downtime?

Compare resiliency of IBM i vs x86 commodity servers

Client success stories



Enabling success on the POWER8 platform (00:02:29)

Key benefits for SMB's and manufacturing distribution clients



Movado (PDF, 2.2MB)

Accelerates business processes with SAP software on IBM i



Plastipak

SAP and IBM combination enables delivery of quality products on time, every time



Connectria (PDF, 663KB)

Hosts diverse customer needs with IBM Power Systems and IBM i



Liverpool Football Club (PDF)

Contact IBM



[Email IBM](#)

[→ Find a Business Partner](#)

[Call IBM: 1-866-883-8901](#)
Priority code: 101AR13W

Browse Power Systems

Attend Power Systems events



Enterprise2014 | October 6-10

The Venetian, Las Vegas, Nevada
The premier enterprise infrastructure event

[→ Join us](#)

[→ Find an event near you](#)

See recent announcements



Open innovation to put data to work

Delivering faster insights in ways never before possible

[→ Learn more](#)

Financing for Power Systems

0% 24 month financing for select Power Systems servers, Maximize your investment with IBM Global Financing.

[→ Learn more](#)



IBM i

For Power Syst

Overview

Built for business

IBM i is an integrated platform with a reputation for business resilience

[Learn more about IBM i](#)



Announcement
Extends lock down
[Go to Hear](#)

What we offer

IBM i

Why IBM i



The IBM
[Read](#)



SAP on
State-of
ITG and
IBM i

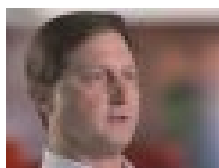


You de
operat
How to
availab



Need to
downlo
Compar
commodity servers

Client success stories



Enabling success on the POWER8 platform (00:02:29)

Key benefits for SMB's and manufacturing distribution clients



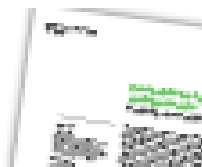
Movado (PDF, 2.2MB)

Accelerates business processes with SAP software on IBM i



Plastipak

SAP and IBM combination enables delivery of quality products on time, every time



Connectria (PDF, 663KB)

Hosts diverse customer needs with IBM Power Systems and IBM i



Liverpool Football Club (PDF, 675KB)

Builds a fast, reliable platform with Power Systems

[Learn more](#)



Partner

883-8901
11AR13W

Events

October 6-10
Las Vegas, Nevada
IBM Power Systems infrastructure

Events

How to put data to
work
Insights in ways never

Events

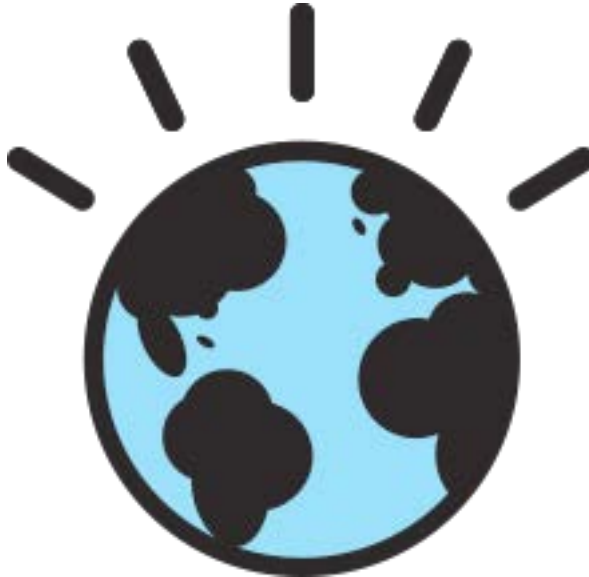
IBM Power Systems
Partner with IBM Global



Marketing



Smarter Planet





Industries & solutions

Services

Products

Support & downloads

My IBM

Search



A Smarter Planet



What's new on a Smarter Planet?

[Smarter Planet home](#)[What is a Smarter Planet](#)[View all topics](#)

Explore by topic

Featured

Retail

'Weather' or not to buy coffee

Michael P. Haydock is working on a program that can predict how weather influences coffee shop sales. That's just one of the analytics projects the 2014 IBM Fellow has shepherded.

[Read more](#)[Learn about IBM Fellows](#)

Big Data and Analytics



Cities

True cost is first step to smarter water

How much does water cost? It's not easy to know, says Rajasekar Krishnamurthy, but it is important.

[Learn more](#)

Mobile Apps

Info at the ready

Download our smart phone apps for Android, iOS and windows.

[Get apps here](#)

Big Data and Analytics

Analytics on a personal level

Named an IBM Fellow in 2014, Krishna Ratakonda wants "to apply analytical techniques to solving difficult problems that can have a meaningful impact on people's lives." Judging from his distinguished record, he will.

[Read more](#)[Learn about IBM Fellows](#)

Cloud

Cloud helps Wimbledon draw new fans

The IBM cloud is critical for Wimbledon's efforts to reach new--especially younger--fans through digital media.

[Watch the video](#)

Big Data and Analytics



Cloud

Cities

Smart people make



Feedback



Marketing!



Marketing!



Browser tabs: IBM i 7.1 Technology Refr...

Address bar: www.youtube.com/watch?v=0lm_cKTG3zM&list=UUQ6E7YGWU8PRsrnKkXruodg&index=13

YouTube logo | Search | Upload | Sign In

Uploaded videos by ibmpowersystems

13/55

IBM i 7.1 Technology Refresh 6
Alison Butterill
IBM i Product Offering Manager

Video player controls: 0:04 / 5:35

- 14 **Why IBM i? Designed for Business** by ibmpowersystems
- 15 **Why IBM i for applications?** by ibmpowersystems
- 16 **IBM Power Systems - Enabling Faster Insights** by ibmpowersystems
- 17 **Slam Commercial Bank Elevates Customer Satisfac...** by ibmpowersystems
- 18 **IBM PowerLinux Industry Application Solution Ed...**

IBM i 7.1 Technology Refresh 6
ibmpowersystems · 55 videos
Subscribe 1,067
1,517 views
11 likes 0 dislikes

Gigantic rusty old IBM XT hard drive roars back to life
by vwestlife
19,848 views
FEATURED

AT87 - Systems Management using Systems Director

Marketing!

- Enhancing the value proposition of IBM i by extending SSD capabilities, improving performance and enhancing data center manageability
- Support for latest IBM POWER7+ Express Servers
- Use of USB Flash Drives now supported by IBM i
- New Mobile Solutions**
 - Send Notes for i Version 6 provides mobile application development at a variety of levels
 - IBM Mobile Database now supports 220+ on IBM i
 - Introduction of connector for IBM Lotus@Notes, iNotes and IBM Connections accounts
- IBM i Secure Backup Layer (System 7.1) supports 7, 8, 9 and 10, 11, 12 and Online Certificate Status Protocol (OCSP)**
- IBM Powerwork! Systemtime for i adds support for external storage devices including IBM SAN Volume Controller (SVC) and IBM Storwize V7000 and V7000 G550**
- IBM Systems Director error detection and reporting**

IBM i 7.1 Technology Refresh 6

by **ibmpowersystems** • 2 months ago • 1,403 views

IBM i 7.1 Technology Refresh 6 (TR 6) extends the value proposition of IBM i.

DB2 for i & Single Level Store
Object Based Architecture
Integration
Work Management
Technology Independent Machine Interface

Why IBM i? Designed for Business

by **ibmpowersystems** • 2 months ago • 280 views

Why IBM i? Steve Will, the chief architect for IBM i reviews some of the key

Original Systems
Converge
IBM Virtual Linux Program (access)

- Technology independent (TID) as desired
- Use of shared components of existing

Why IBM i for applications?

by **ibmpowersystems** • 2 months ago • 215 views

Why IBM i? Cheryl Renner from the IBM i ISV support and enablement team

IBM i integrated security
IBM i Security
 Users, Groups and Authority
 Comprehensive Audit Log
 Cryptography & Encryption Key Management
 IBM i Security Business Partners
 Network Security
 Single Sign-on

Why IBM i for security

by **ibmpowersystems** • 2 months ago • 202 views

Why IBM i? Jeff Uehling, Security architect with the IBM i team, talks about the

Native interfaces
DB2 interfaces

Why IBM i? DB2 for i

by **ibmpowersystems** • 2 months ago • 430 views

Mark Anderson, distinguished engineer and chief architect of DB2 for i talk about

Marketing!

- Enhancing the value proposition of IBM i 7.1 by extending IBM capabilities, improving performance and enhancing data center manageability
- Support for latest IBM POWER7™ Express Servers
- Use of USB Flash Drives now supported by IBM i
- New Mobile Solutions
 - zSeries Server for i Virtualization enables customer investment in existing IBM Mobile Database solution used 2007 to date to be used in combination with new IBM i 7.1 Express Servers and IBM Connections (optional)
- IBM i Secure Sockets Layer (Systems SSL) supports TLSv1, 1.1 and TLSv1.2 and Online Certificate Status Protocol (OCSP)
- IBM PowerPath® Systemwide for i adds support for additional storage devices, including IBM SAN Volume Controller (SVC) and IBM Storwize V7000, V7000 and V7000
- IBM System Director error detection and reporting



IBM i 7.1 Technology Refresh 6

by **ibmpowersystems** • 2 months ago • 1,403 views

IBM i 7.1 Technology Refresh 6 (TR 6) extends the value proposition of IBM i.

IBM i 7.1 Single Level Store Streamlined storage management	Object Based Architecture Further depth, more efficiency
Integration Integrated with IBM i 7.1 Express Servers	Risk Management Proven and updated solutions
Technology Independent Machine Interface Proven solution supports a wide range of technology options	

12:44

Why IBM i? Designed for Business

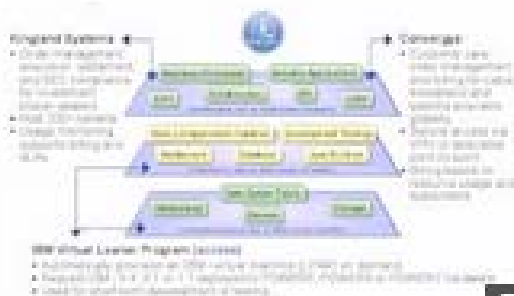
by **ibmpowersystems** • 2 months ago • 280 views

Why IBM i? Steve Will, the chief architect for IBM i reviews some of the key

Why IBM i for applications?

by **ibmpowersystems** • 2 months ago • 215 views

Why IBM i? Cheryl Renner from the IBM i ISV support and enablement team



8:47

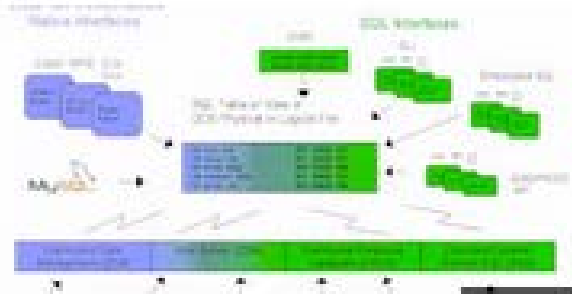
Marketing!



Why IBM i for security

by **ibmpowersystems** · 2 months ago · 202 views

Why IBM i? Jeff Uehling, Security architect with the IBM i team, talks about the



Why IBM i? DB2 for i

by **ibmpowersystems** · 2 months ago · 430 views

Mark Anderson, distinguished engineer and chief architect of DB2 for i talk about

Marketing!



IBM i: Designed for Data

by **ibmpowersystems** · 1 year ago · 4,124 views

Business intelligence and advanced analytics strategies are key to developing

HD

2:33



IBM I am woman

by **ibmindiarecruiting** · 4 weeks ago · 1,043 views

IBM salutes the many roles women play in their lives. And thus provides an

HD

3:15

Marketing!

twitter



IBMPowerSystems



Home Connect Discover Me

Search



Tweets

Following

Followers

Favorites

Lists

Tweet to IBMPowerSystems

@IBMPowerSystems



View all photos and videos

Who to follow · Refresh · View all



Rita-Lyn Sanders @ritalyns
Follow



Charles Guarino @charlieguarino



IBMPowerSystems

@IBMPowerSystems **FOLLOWS YOU**

Official Twitter account for IBM Power systems, solutions and software. Managed by Rahul Mitra and Becky Bosch. Follows the IBM Social Computing Guidelines.

Learn more · ibm.com/power

1,465
TWEETS

1,036
FOLLOWING

1,916
FOLLOWERS



Follow

Tweets



IBMPowerSystems @IBMPowerSystems 13h

Get access to thousands of potential customers from around the world @ ibm.co/Z8CApb

Expand



IBMPowerSystems @IBMPowerSystems 5 Apr

Welcoming all attendees to the @ bit.ly/Zdl0PX, #powersystems

Expand



IBMPowerSystems @IBMPowerSystems 5 Apr

Did you miss it? The latest & upcoming on #cloud by Experts on the #IBM & @InformationWeek webcast Replay. Watch now > bit.ly/ZcsLpm

#IBMi



Twitter / Search - #IBMi

Twitter, Inc. [US] https://twitter.com/search?q=%23IBMi&src=typd

Home Connect Discover Me #IBMi

Tweets

People

Top photos

Top videos

Who to follow

- HELP400** @help400 Follow
- inFORM Decisions** @InFORMDec... Followed by **iPro Developer** and others. Follow
- Quadrant Software** @quadrantsoft Followed by **Buck Galabro** and others. Follow

Saved search: #IBMi

Tweets

Top / All / People you follow

- Steve Will** @Steve_Will_IBMi 7h
Really, people. #IBMi development takes requirements we receive from #COMMONug members seriously.
Retweeted 4 times
Expand
- Steve Will** @Steve_Will_IBMi 9m
Monday at #COMMONug: Exhibitor breakfast, #IBMi Latest & Greatest, "Why i?" to ITEC, YiPs (Young i Professionals) & press interviews.
Expand
- Dawn May** @DawnMayiCan 28m
Great first day at #commonug. Wonderful to see familiar faces and look forward to making new #IBMi acquaintances.
Expand
- Steve Pitcher** @stevencpitcher 2h
Rewiring the insides of my collaboration on #IBMi session. Need a name change as well as there's more Lotus.
Expand
- Roxanne ReynoldsLair** @IBMICIO 6h
Trevor the professor is teaching me #IBMi social stuff #ibmi25
Expand

#IBMi25



Twitter / Search - #IBMi25

Twitter, Inc. [US] https://twitter.com/search?q=%23IBMi25&src=typd

Home Connect Discover Me #IBMi25

Tweets

People

Top photos

Top videos

Who to follow

- HELP400** @help400 Follow
- inFORM Decisions** @inFORMDec... Followed by [iPro Developer](#) and [ot...](#) Follow
- Quadrant Software** @quadrantsoft Followed by [Buck Galabro](#) and [oth...](#) Follow

Results for #IBMi25

Tweets Top / All / People you follow

Steve Will @Steve_Will_IBMi 4m
No one asked to take a photo with me for the #IBMi25 facebook page today. I bet they asked award-winning @ianpjarman. #It'sTheAccent
Expand

Roxanne ReynoldsLair @IBMiCIO 4h
IBM Power Champions gather with #IBM #powersystems team to collaborate and exchange ideas & celebrate #ibmi25
Retweeted by Rob McNelly
Expand

Roxanne ReynoldsLair @IBMiCIO 5h
Trevor the professor is teaching me #IBMi social stuff #ibmi25
Expand

Rob McNelly @robmcnelly 6h
RT @fallingrock "@angustheitchap: Is there sugar free #IBMi25 cake at #commonug?" / or at least low carb / look for the meat and cheese cake
Expand

IBMSystemsMagazine @IBMiMag 6h
Heading to the #COMMONug EXPO. Come to booth 525 to share your #IBMi25 memories for a video.

Marketing!



Marketing!




Browser tabs: IBMi25

Address bar: <https://www.facebook.com/IBMi25>

Search bar: IBMi25

twentyfive



Like us and watch the IBM i story unfold on Facebook
April 7th - June 21st

IBMi25
378 likes · 25 talking about this

✓ Liked Message

Computers
See the IBMi25 story unfold in 25 chapters over the next two months. Share your own insights, reflections, photos and connect with the IBM i community. Join the IBMi25 celebrations!

About - Suggest an Edit

Photos Likes

Highlights


Post Photo / Video

Create Page

Now
Joined Facebook

Sponsored 91


Your Photo, Life-Size



Find out just how easy it is to make YOUR photo a one-of-a-kind Custom Life-Size Cutout!

4,276 people like Party Standups - Custom Cardboard Cutouts

Build a Better Home
positiveenergy.nyser...





Marketing!



Marketing!



The screenshot shows a web browser window with the URL www.linkedin.com/groups?gid=1107217&trk=hb_side_g. The page header includes the LinkedIn logo, account type 'Basic | Upgrade', and user information 'Trevor Perry' with an 'Add Connections' button. The navigation bar contains links for Home, Profile, Contacts, Groups, Jobs, Inbox, Companies, News, and More, along with a search bar.

The main content area displays a post by Steve (profile picture shown) titled "IBM i 7.1 Technology Refresh 6 Announcement Blog". The post text reads: "Following the discussion we had here in IBM i Professionals, I will be posting notifications of particular blog topics which are 'big' ...". Below the text is a link to "Announce Day for IBM i 7.1 Technology Refresh 6" from ibmsystemsmag.blogs.com. The post is dated "posted 2 months ago". A comment from Ed Evers, dated "1 month ago", says "Ed likes this." Below the comment are three profile pictures and interaction buttons for Like, Comment, Follow, and More. A "See more" link is also present.

The second post is also by Steve, titled "TCO, TCA and Low Cost of Downtime – the ITG Studies and IBM i" - Post Here?". The text says: "You folks who inhabit this LinkedIn group care about the IBM i platform, and you clearly use LinkedIn. So, here's a discussion topic ...". It is dated "posted 3 months ago". A comment from Raymond Johnson, dated "2 months ago", says: "What I think would be useful would be a post showing what blogs are out there for those of us who are not so 'blog savvy'". Below the comment are three profile pictures and a "See all 27 comments" link.

The third post is partially visible at the bottom, titled "It's almost 2013 - is your future in IBM i?".

Marketing!



BLOG



Marketing!



Choose Your Edition

AIX

IBM i

MAINFRAME

POWER

VIDEO

BUYERS GUIDE

NEWSLETTERS

ABOUT US

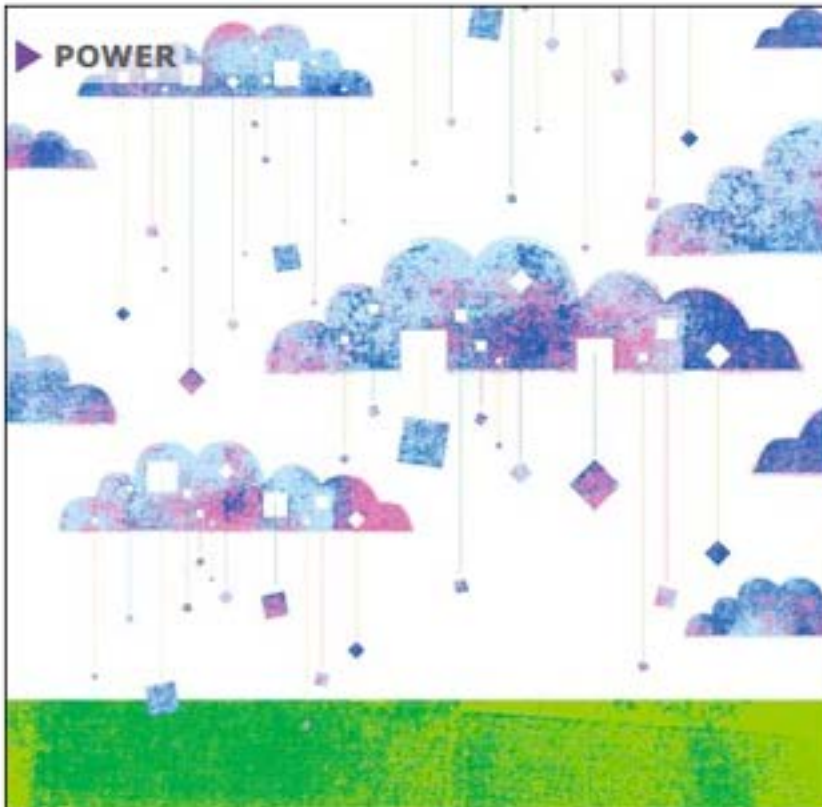
IBM Systems

magazine

IBM Systems Magazine Webinars

Upcoming

On Demand



Parental Guidance

The Right Service

Breaking Through Complexity

Your Piece of the Cloud

Why Power has a natural advantage in cloud applications

[FULL STORY](#)



WEB EXCLUSIVE - IBM i

Service and Support Options For PureFlex Systems

A Smooth Path for Upgrades

WEB EXCLUSIVE - MAINFRAME

REXX Offers Tools for Automated Processing of SMF Data

Latest Blog Posts

Marketing!



POWER

Parental Guidance

The Right Service

Breaking Through Complexity

Your Piece of the Cloud

Why Power has a natural advantage in cloud applications

[➤ FULL STORY](#)

Latest Blog Posts



ALISON BUTTERILL | iSight |  RSS

Get Ready for Some iSight

Welcome to my first blog entry. I am excited to get started writing, although the hardest decision was to decide what this blog should cover. The reason I wanted to write a blog is because I want to tell you about what is happening in the world of IBM i,...



**ONLY WITH
COMPUWARE APM
FOR MAINFRAME.**

Compuware
THE TECHNOLOGY
PERFORMANCE COMPANY

WEB EXCLUSIVE - IBM i

Service and Support Options For PureFlex Systems
A Smooth Path for Upgrades

WEB EXCLUSIVE - MAINFRAME

REXX Offers Tools for Automated Processing of SMF Data
How to Code a Synchronous Program Switch in IMS 13

WEB EXCLUSIVE - AIX

Processes and Devices—It's All About the Children
Easily Communicate AIX Information Using Automated Emails

Marketing!

Latest Blog Posts



ALISON BUTTERILL | iSight |  RSS

Get Ready for Some iSight

Welcome to my first blog entry. I am excited to get started writing, although the hardest decision was to decide what this blog should cover. The reason I wanted to write a blog is because I want to tell you about what is happening in the world of IBM i,...




MICHAEL AM FELT | SecuringAIX |  RSS

AIX Hardening 101

Roughly eight years ago, in AIX V5.3 ML5, IBM introduced a tool known as AIX Security Expert or aixpert. The goal was simple—provide a simple...




DAWN MAY | i Can |  RSS

Integrate Web Services With DB2 for i 7.1

This week's blog article was written by Nick Lawrence. Nick works for IBM in Rochester, Minn., on DB2 for IBM i. His responsibilities include full-text...




JON PARIS AND SUSAN GANTNER | iDevelop |  RSS

Close Encounters of the AS/400 Kind

As Steve Will revealed in his blog yesterday, there's going to be a lot going on in the IBM i world over the next few...




STEVE WILL | You and i |  RSS

IBM i at 25: the Celebration Starts Soon

The annual COMMON Conference starts on Sunday, April 7 in Austin, Texas. As usual, this will be one of the busiest and most



TROY COLEMAN | DB2utor |  RSS

Big Data Sessions at IDUG

Unless you've been living under a rock I'm sure you've heard the term big data. Of course hearing about something isn't the same as understanding...



ROB MCNELLY | AIXchange |  RSS

Open Source AIX Software Remains Plentiful

Remember the UCLA freeware repository? This post is part of a discussion surrounding the repository going offline back in 2007. As Nigel wrote at the...




POWER CLIENTS | PowerUp |  RSS

Send Your Technical Staff to Conferences

This blog is written by Alan Seiden, an authority on PHP development with IBM i, who helps companies achieve best practices and top performance when...



EVELYN HOOVER | The Buzz |  RSS

USC Students Contemplate Some New Ways to Use Watson

That Watson beat two champions on "Jeopardy!" is old news. That Watson is more than just a computer system that could do so is also...

Marketing!



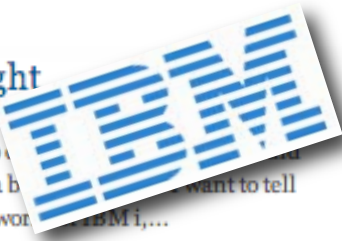
Latest Blog Posts



ALISON BUTTERILL | iSight | RSS

Get Ready for Some iSight

Welcome to my first blog entry. I am, although the hardest decision was to cover. The reason I wanted to write a blog is to tell you about what is happening in the world of IBM i,...



MICHAEL AM FELT | Securing AIX | RSS

AIX Hardening 101

Roughly eight years ago, in AIX V5.3 ML5, IBM introduced a tool known as AIX Security Expert or aixpert. The goal was simple—provide a simple...



DAWN MAY | i Can | RSS

Integrate Web Services With DB2 for i 7.1

This week's blog article was written by Nick Lawrence. Nick works for IBM in Rochester, Minn., on DB2 for IBM i. His responsibilities include full-text...



JON PARIS AND SUSAN GANTNER | iDevelop | RSS

Close Encounters of the AS/400 Kind

As Steve Will revealed in his blog yesterday, there's going to be a lot going on in the IBM i world over the next few...



STEVE WILL | You and i | RSS

IBM i at 25: the Celebration Starts Soon

The annual COMMON Conference starts on Sunday, April 7 in Austin, Texas. As usual, this will be one of the busiest and most...



TROY COLEMAN | DB2utor | RSS

Big Data Sessions at IDUG

Unless you've been living under a rock I'm sure you've heard the term big data. Of course hearing about something isn't the same as understanding...



ROB MCNELLY | AIXchange | RSS

Open Source AIX Software Remains Plentiful

Remember the UCLA freeware repository? This post is part of a discussion surrounding the repository going offline back in 2007. As Nigel wrote at the...



POWER CLIENTS | PowerUp | RSS

Send Your Technical Staff to Conferences

This blog is written by Alan Seiden, an authority on PHP development with IBM i, who helps companies achieve best practices and top performance when...



EVELYN HOOVER | The Buzz | RSS

USC Students Contemplate Some New Ways to Use Watson

That Watson beat two champions on "Jeopardy!" is old news. That Watson is more than just a computer system that could do so is also...

Marketing!

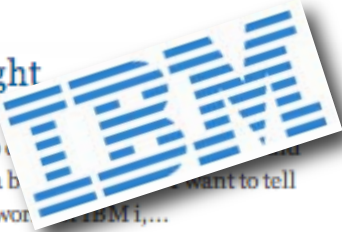
Latest Blog Posts




ALISON BUTTERILL | iSight |  RSS

Get Ready for Some iSight

Welcome to my first blog entry. I am, although the hardest decision was to cover. The reason I wanted to write a blog was to tell you about what is happening in the world of IBM i,...




MICHAEL AM FELT | Securing AIX |  RSS

AIX Hardening 101

Roughly eight years ago, in AIX V5.3 ML5, IBM introduced a tool known as AIX Security Expert or aixpert. The goal was simple—provide a simple...




DAWN MAY | i Can |  RSS

Integrate Web Services With

This week's blog article was written by Alan Seiden for IBM in Rochester, Minn., on DB2. The article includes full-text...




JON PARIS AND SUSAN GANTNER | iDevelop |  RSS

Close Encounters of the AS/400 Kind

As Steve Will revealed in his blog yesterday, there's going to be a lot going on in the IBM i world over the next few...




STEVE WILL | You and i |  RSS

IBM i at 25: the Celebration Starts Soon

The annual COMMON Conference starts on Sunday, April 7 in Austin, Texas. As usual, this will be one of the busiest and most...



TROY COLEMAN | DB2utor |  RSS

Big Data Sessions at IDUG

Unless you've been living under a rock I'm sure you've heard the term big data. Of course hearing about something isn't the same as understanding...




ROB MCNELLY | AIXchange |  RSS

Open Source AIX Software Remains Plentiful

Remember the UCLA freeware repository? This post is part of a discussion surrounding the repository going offline back in 2007. As Nigel wrote at the...



POWER CLIENTS | PowerUp |  RSS

Send Your Technical Staff to Conferences

This blog is written by Alan Seiden, an authority on PHP development with IBM i, who helps companies achieve best practices and top performance when...



EVELYN HOOVER | The Buzz |  RSS

USC Students Contemplate Some New Ways to Use Watson

That Watson beat two champions on "Jeopardy!" is old news. That Watson is more than just a computer system that could do so is also...

Marketing!

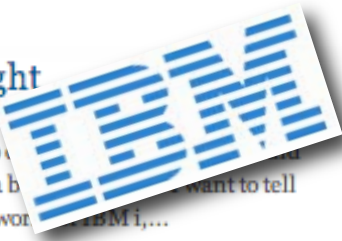
Latest Blog Posts



ALISON BUTTERILL | iSight |  RSS

Get Ready for Some iSight

Welcome to my first blog entry. I am, although the hardest decision was to cover. The reason I wanted to write a blog is to tell you about what is happening in the world of IBM i,...




MICHAEL AM FELT | Securing AIX |  RSS

AIX Hardening 101

Roughly eight years ago, in AIX V5.3 ML5, IBM introduced a tool known as AIX Security Expert or aixpert. The goal was simple—provide a simple...




DAWN MAY | i Can |  RSS

Integrate Web Services With

This week's blog article was written by Alan Seiden for IBM in Rochester, Minn., on DB2. The article includes full-text...




JON PARIS AND SUSAN GANTNER | iDevelop |  RSS

Close Encounters of the AS/400 Kind

As Steve Will revealed in his blog yesterday, there's going to be a lot going on in the IBM i world over the next few...




STEVE WILL | You and i |  RSS

IBM i at 25: the Celebration

The annual COMMON Conference starts in Austin, Texas. As usual, this will be one of the most...



TROY COLEMAN | DB2utor |  RSS

Big Data Sessions at IDUG

Unless you've been living under a rock I'm sure you've heard the term big data. Of course hearing about something isn't the same as understanding...



ROB MCNELLY | AIXchange |  RSS

Open Source AIX Software Remains Plentiful

Remember the UCLA freeware repository? This post is part of a discussion surrounding the repository going offline back in 2007. As Nigel wrote at the...




POWER CLIENTS | PowerUp |  RSS

Send Your Technical Staff to Conferences

This blog is written by Alan Seiden, an authority on PHP development with IBM i, who helps companies achieve best practices and top performance when...

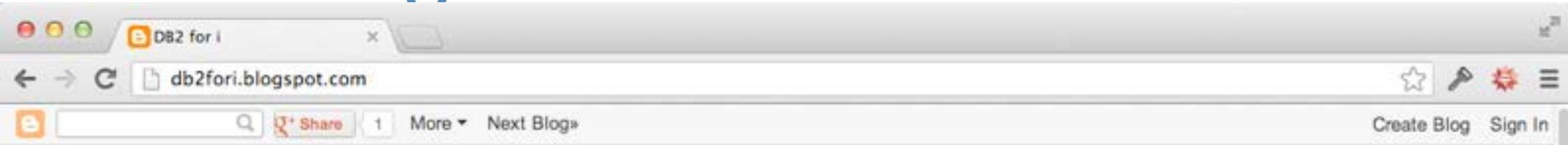


EVELYN HOOVER | The Buzz |  RSS

USC Students Contemplate Some New Ways to Use Watson

That Watson beat two champions on "Jeopardy!" is old news. That Watson is more than just a computer system that could do so is also...

Marketing!



DB2 for i

Insight and perspectives on data management using IBM i

Friday, March 29, 2013

More Advice! Is this Good OR Bad?

With the arrival of [IBM i TR6](#) we find the DB2 for i Query Optimizer enhanced to provide more index advice. In a [previous post](#) I discussed the philosophy behind generating index advice during the SQL query optimization process. I also called out the limitations in the advice provided. One limitation of note involves no advice given for different columns ORed together, such as:

```
SELECT *
FROM   NFL_TEAMS
WHERE  COLOR = 'PURPLE' OR EATS_PEOPLE = 'YES';
```

If you've attended our DB2 for i SQL Performance class, you know that multiple indexes over the same table can be used to assist the database engine with identifying rows of interest. This technique is known as "index ORing". But without advice from optimization, you are on your own to determine the appropriate indexes to create.

Keep in mind that when ORing the same column together, the optimizer has always been able to produce advice for queries such as:

```
SELECT *
FROM   NFL_TEAMS
```

Links

[IBM DB2 for i site](#)

[DB2 for i Technology Updates wiki](#)

Follow by Email

Translate

Powered by [Google Translate](#)

Blog Archive

About Me

Marketing!

...in a previous post I introduced the philosophy behind generating index advice during the SQL query optimization process. I also called out the limitations in the advice provided. One limitation of note involves no advice given for different columns ORed together, such as:

```
SELECT *
FROM   NFL_TEAMS
WHERE  COLOR = 'PURPLE' OR EATS_PEOPLE = 'YES';
```

If you've attended our DB2 for i SQL Performance class, you know that multiple indexes over the same table can be used to assist the database engine with identifying rows of interest. This technique is known as "index ORing". But without advice from optimization, you are on your own to determine the appropriate indexes to create.

Keep in mind that when ORing the same column together, the optimizer has always been able to produce advice for queries such as:

```
SELECT *
FROM   NFL_TEAMS
WHERE  COLOR = 'BLACK' OR COLOR = 'BLUE'
```

With the latest database group PTFs installed, the query optimizer will now advise indexes for up to five ORed predicates involving different columns. Additional details can be found [here](#).

If your query has more than five columns ORed together, there will be no index advice produced (had to draw the line somewhere). Besides, ORing five different columns together is likely to result in most of rows in the table being selected anyway - in which case a full table scan is the best option, who knows...

There are additional limitations when mixing ANDed and ORed predicates in the query as well.

Follow by Email

Translate

Powered by [Google Translate](#)

Blog Archive

About Me



Mike Cain

Mike Cain is the team leader of the IBM DB2 for i Center of Excellence in Rochester, Minnesota USA. Along with a team of highly skilled subject matter experts, Mike travels the world...

Marketing!

...in a previous post I discussed the philosophy behind generating index advice during the SQL query optimization process. I also called out the limitations in the advice provided. One limitation of note involves no advice given for different columns ORed together, such as:

```
SELECT *
FROM   NFL_TEAMS
WHERE  COLOR = 'PURPLE' OR EATS_PEOPLE = 'YES';
```

If you've attended our DB2 for i SQL Performance class, you know that multiple indexes over the same table can be used to assist the database engine with identifying rows of interest. This technique is known as "index ORing". But without advice from optimization, you are on your own to determine the appropriate indexes to create.

Keep in mind that when ORing the same column together, the optimizer has always been able to produce advice for queries such as:

```
SELECT *
FROM   NFL_TEAMS
WHERE  COLOR = 'BLACK' OR COLOR = 'BLUE'
```

With the latest database group PTFs installed, the query optimizer will now advise indexes for up to five ORed predicates involving different columns. Additional details can be found [here](#).

If your query has more than five columns ORed together, there will be no index advice produced (had to draw the line somewhere). Besides, ORing five different columns together is likely to result in most of rows in the table being selected anyway - in which case a full table scan is the best option, who knows...

There are additional limitations when mixing ANDed and ORed predicates in the query as well.

Follow by Email

Translate

Powered by [Google Translate](#)

Blog Archive

About Me



 **Mike Cain**

Mike Cain is the team leader of the IBM DB2 for i Center of Excellence in Rochester, Minnesota USA. Along with a team of highly skilled subject matter experts, Mike travels the world...

Marketing!



Welcome to the Modern-i-zation Blog

iprodeveloper.com/blog/welcome-modern-i-zation-blog

Subscribe | Store |

i ProDeveloper

REGISTER | LOG IN

RPG Programming PHP Web & Mobile Development App Development Database/SQL Systems Management Code

IBM i EVENT MONITORING 5 SECRETS REVEALED FIND THEM HERE **CCSS** Monitoring your systems

HOME > BLOGS > MODERN-I-ZATION > WELCOME TO THE MODERN-I-ZATION BLOG

MODERN-I-ZATION

Welcome to the Modern-i-zation Blog

by Tim Rowe in Modern-i-zation Jul. 10, 2012

EMAIL SHARE Tweet +1 Recommend 0 COMMENTS 1

Welcome to my modernization & application development blog! This new blog is dedicated to the incredible world of modernization and developing applications on our beloved IBM i platform. This area provides a lot of fodder for blogs, because it

What's Modern-i-zation?

Advertisement

Get the IBM i Scheduling Survival Guide

Download Now

help systems

Marketing!



Welcome to the Modern-i-zation Blog

iprodeveloper.com/blog/welcome-modern-i-zation-blog

Subscribe | Store | REGISTER | LOG IN

RPG Programming PHP Web & Mobile Development App Development Database/SQL Systems Management Code

IBM i EVENT MONITORING 5 SECRETS REVEALED FIND THEM HERE CCSS Monitoring your systems

HOME > BLOGS > MODERN-I-ZATION > WELCOME TO THE MODERN-I-ZATION BLOG

MODERN-I-ZATION

Welcome to the Modern-i-zation Blog

by Tim Rowe in Modern-i-zation

Jul. 10, 2012
RSS

EMAIL SHARE Tweet +1 Recommend 0 COMMENTS 1

Welcome to my modernization & application development blog! This new blog is dedicated to the incredible world of modernization and developing applications on our beloved IBM i platform. This area provides a lot of fodder for blogs, because it

What's Modern-i-zation?

Advertisement

Get the IBM i Scheduling Survival Guide

Download Now

help systems

Marketing!



The screenshot shows a web browser window with the URL <https://www.ibm.com/developerworks/mydeveloperworks/groups/service/html/communityview?communityUuid=b542d3ac-0785-...>. The page header includes the IBM logo, language selection (English), and a sign-in/register link. The main navigation bar features 'developerWorks' and categories like 'Technical topics', 'Evaluation software', 'Community', and 'Events'. A search bar is present on the right. Below the navigation, there are tabs for 'Public Groups' and 'My Groups', and a 'Join this Group' button. The main content area is titled 'RPG Cafe' and features a large green announcement box: 'We're upgrading the developerWorks community applications to the latest version of IBM Connections, and the new site will go live at 9 AM on April 15! However, due to the large volumes of data to transfer, the developerWorks site will be unavailable in maintenance mode starting April 12. Learn what's changing'. Below this is an 'Overview' section with three paragraphs of text. On the left, a sidebar contains a group icon and a menu with 'Overview', 'Members', 'Wiki', 'Blog', 'Bookmarks', and 'Feeds'. On the right, there are sections for 'Important Bookmarks' (listing 'IBM Rational Cafés Home', 'RPG Forum', 'Rational Developer for Power', 'Rational Team Concert for Power', and 'developerWorks IBM i site') and 'Members' (showing profile pictures and names like 'NickLitte...' and 'pwf').

✓ We're upgrading the developerWorks community applications to the latest version of IBM Connections, and the new site will go live at 9 AM on April 15! However, due to the large volumes of data to transfer, the developerWorks site will be unavailable in maintenance mode starting April 12. [Learn what's changing](#)

Overview

This is the place for RPG developers and IBM developers to mingle and discuss our favorite language. We'll talk about the language itself, its history, and its future. We will discuss the tools that support it and the directions they are taking. We hope this is a lively area of the Web.

This is a great place for all things related to RPG, to expound on proven techniques, to post interesting bits of code, and to act as a jumping off point into other areas of the IBM Web for support and information.

RPG has been around for some time but continues to evolve to meet new needs. IBM is investing in compiler technology and tools for the RPG community. We will be using the Café to point to technology roadmaps, poll for new features in the tools, post tutorials on some of our favorite tips and techniques, and to host our new developer blog.

We will all be building the content of this site over time. Have a suggestion for links or information you'd like to see here? Visit our Forum and add to it. Perhaps a colleague or an IBMer will be able to fulfill it quickly.

The community is always changing. Visit those areas that interest you most, contribute ideas, join the discussion where you can, and check back often.

Again, welcome!



- Overview
- Members
- Wiki
- Blog
- Bookmarks
- Feeds

- Tags
- Related Tags

- ### Important Bookmarks
- IBM Rational Cafés Home
 - RPG Forum
 - Rational Developer for Power
 - Rational Team Concert for Power
 - developerWorks IBM i site

- ### Members
- NickLitte...
 - pwf

Marketing!



IBM developerWorks : IBM i x

https://www.ibm.com/developerworks/ibmi/

English Sign in (or register)

developerWorks. Technical topics Evaluation software Community Events Search developerWorks

developerWorks > Technical topics >

IBM i

IBM articles, tutorials, and technical resources for IBM i users

Using IBM Image Construction and Composition Tool

This article aims to provide common best practices when working with the IBM® Image Construction and Composition Tool® (ICCT) to design and build virtual appliances on IBM PowerVM® cloud providers. [More >](#)

Celebrating 25 years of innovation

twenty five

Watch the IBM i story unfold on Facebook

→ Find out more

Forrester Total Economic Impact of running Analytics workloads on IBM Power Systems

Attend the webinar on Thursday, April 18, 2013, 10:00 AM PT/ 1:00 PM ET

→ Register now

Spotlight

→ More content RSS

Related links

- Training

Featured content **Key topics**

05 Apr 2013 — [Show descriptions](#) | [Hide descriptions](#)

- Introducing IBM InfoSphere CDC replication for IBM DB2 for i solution
- Searching source physical file members using IBM OmniFind Text Search server for DB2 for i 7.1
- IBM i Live Partition Mobility in a multichassis IBM PureFlex System environment
- How to use TLSv1.2 with System SSL on IBM i 7.1
- IBM Navigator for i: Open for business
- CIM and IBM i: What it is and how it works
- Running your IBM i web solution on ASF Tomcat
- Debug those mysterious problems with your application's memory
- Build and install ICU on IBM i
- Virtualization on Power Systems with IBM i

Marketing!



Profiles - Search

https://www.ibm.com/developerworks/mydeveloperworks/profiles/html/champadvancedSearch.do?champsearchname=ab.rc.cp.ps...







English Sign in (or register)

developerWorks Technical topics Evaluation software Community Events Search developerWorks

All profiles My profile My network contacts Help Profiles by Name Search

IBM Champion profiles search results for Expertise: Power Systems

1-10 of 24 Page 1 | 2 | 3 Previous Next

Name	Company/Role	Location
 Aaron Bartell (aaronbartell)	Bartell Software Owner	Mankato, Minnesota United States
 Aletha Chrietzberg (alethad)	UNC Healthcare AIX System Admin	
 Andy Lin (AndyMarkIII)	Mark III Systems Solutions Consultant	
 Trevor Perry (angustheitchap)	Angus Thinks! Chief Strategist	New York
 Anthony English (AnthonyEnglish)	Levitar Senior POWER Systems Specialist	SYDNEY, Australia
 Andrew Wojnarek (awojo)	Advanced Technology Services	

Find IBM Champion by interest

Select a tag to discover IBM Champions that have tagged themselves to identify their interests, roles and skills.

- ajax
- alphaworks
- apache
- application_developm...
- architecture
- business_process_man... c
- c++
- collaboration
- configuration_and_ad...
- databases_and_data_m...
- db2
- db2_for_linux_and_un...
- development
- eclipse
- information_manageme...
- java
- java_technology
- linux
- networking
- open_source
- performance
- php
- php_(hypertext_prepr...
- rational_family
- security
- ...



Marketing!

flickr

Marketing!



Browser tabs: Joomla - Google Search, Flickr: ibmpowersystems'

Address bar: www.flickr.com/photos/ibmpowersystems/

Navigation: Home, Mail, Flickr, News, Sports, Finance, Weather, Games, Groups, Answers, More

flickr from YAHOO! You Contacts Groups Explore Upload Photos, people, groups Upgrade

ibmpowersystems' photostream

Photostream Sets Favorites Galleries Profile More

February 5th Launch
5 photos
8 views





IBM Champions for Power...
2 photos
2 views

IBM Champions for Power...
6 photos
81 views

IBM Power Systems Product...

Andy King/Feature Photo Service
© All rights reserved
Uploaded on Feb 6, 2013
14 views / Add a comment

Using Data to Drive Online Sales
Zoran Lemut, CEO of Slovenia's leading pharmaceutical company Kemofarmacija, increased...
© All rights reserved
Uploaded on Feb 6, 2013
25 views / Add a comment



Marketing!



Steve Sibley and Power Ch... X

www.flickr.com/photos/ibmpowersystems/8184729790/in/photostream


Home Mail Flickr News Sports Finance Weather Games Groups Answers More

flickr from YAHOO! You Contacts Groups Explore Upload

Photos, people, groups + Upgrade

Favorite Actions Share

Newer Older




By **ibmpowersystems**
IBM Power Systems + Add Contact

This photo was taken on October 29, 2012 using a Canon EOS REBEL T3i.

27 views

This photo belongs to

ibmpowersystems' photostream (102)



This photo also appears in

▶ **IBM Champions for Power...** (set)

AD TOPICS

- ▶ Camera Flash
- ▶ Cameras with Flash
- ▶ Deem Light Photography

Steve Sibley and Power Champions - 10-29-2012

Current Branding



Your passion



Trevor Perry

Ask Yourself

- Is this platform only your past?



Ask Yourself

- Is this platform only your past?
- Do you want a future in I.T.?



Ask Yourself

- Is this platform only your past?
- Do you want a future in I.T.?
- Do you want IBM i in your future?



Ask Yourself



- Is this platform only your past?
- Do you want a future in I.T.?
- Do you want IBM i in your future?
- Are you willing to invest in your future?

Ask Yourself



- Is this platform only your past?
- Do you want a future in I.T.?
- Do you want IBM i in your future?
- Are you willing to invest in your future?
- Are you willing to invest in IBM i?

Ask Yourself

- Are you a 5250?



Ask Yourself

- Are you a 5250?
 - 50 years old
 - 250 pounds



Ask Yourself



- Are you a 5250?
 - 50 years old
 - 250 pounds

- And no. This is not a BAD thing
- It is just a thing

Stop!

- Calling IBM i by an old name



Names

	Hardware	Software
1988	AS/400	OS/400
2000	iSeries	
2006	System i	i5/OS
2008	Power Systems	IBM i

Names

Years	Hardware	Software
12	AS/400	OS/400
6	iSeries	
2	System i	i5/OS
6½	Power Systems	IBM i



System i



@server
iSeries



AS400

blog.angustheitchap.com

When these merged?



System/36



System/38

What name did you use?



AS/400

When these merged?



System p

System i

What name did you use?



Power System

What name did you use?



AS/400



Current Branding



Lamborghini

VS.

IBM i



A comparison



Lamborghini



1966 - Miura

Engine	3929 cc V12
Top speed	276 km/h 171 mph
Max. Power	260 kW 350 hp
0–100 km/h	6.7 seconds
Fuel System	Carburetor (4)
Fuel Consumption	21.4 L/100 km 11 mpg
Dry Weight	1,125 kg 2,480 lb
Gearbox	5 speed manual rear wheel drive



1975 - Countach LP400

Engine	3929 cc V12
Top speed	309 km/h 192 mph
Max. Power	276 kW 370 hp
0–100 km/h	5.4 seconds
Fuel System	Carburetor (6)
Fuel Consumption	23 L/100 km 10.2 mpg
Dry Weight	1,065 kg 2,348 lb
Gearbox	5 speed manual rear wheel drive



1982 - Countach LP500S

Engine	4754 cc V12
Top speed	300 km/h 186 mph
Max. Power	276 kW 370 hp
0–100 km/h	5.4 seconds
Fuel System	Carburetor
Fuel Consumption	19.3 L/100 km 12.2 mpg
Dry Weight	1,480 kg 3,263 lb
Gearbox	5 speed manual rear wheel drive



of the Day: 1984 Lamborghini Countach LP500S

1990 - Diablo

Engine	5700 cc V12
Top speed	202 mph 325 km/h
Max. Power	367 kW 492 hp
0–100 km/h	4.5 seconds
Fuel System	Fuel Injection
Fuel Consumption	16 L/100 km 14.7 mpg
Dry Weight	1,576 kg 3,470 lb
Gearbox	5 speed manual rear wheel drive



2001 - Murcielago

Engine	6200 cc V12
Top speed	340 km/h 205 mph
Max. Power	427 kW 572 hp
0–100 km/h	3.5 seconds
Fuel System	Fuel Injection
Fuel Consumption	13 L/100 km 18.1 mpg
Dry Weight	1,650 kg 3,638 lb
Gearbox	6 speed manual all wheel drive



2011 - Aventador

Engine	6498 cc V12
Top speed	349 km/h 217 mph
Max. Power	510 kW 690 hp
0–100 km/h	2.9 seconds
Fuel System	Fuel Injection
Fuel Consumption	17.2 L/100 km 13.7 mpg
Dry Weight	1,576 kg 3,470 lb
Gearbox	7 speed semi-automatic all wheel drive



	Miura	Countach LP400	Countach LP500S	Diablo	Murcielago	Aventador
Engine	3929 cc V12	3929 cc V12	4754 cc V12	5700 cc V12	6200 cc V12	6498 cc V12
Top speed	276 km/h 171 mph	309 km/h 192 mph	300 km/h 186 mph	202 mph 325 km/h	340 km/h 205 mph	349 km/h 217 mph
Max. Power	260 kW 350 hp	276 kW 370 hp	276 kW 370 hp	367 kW 492 hp	427 kW 572 hp	510 kW 690 hp
0–100 km/h	6.7 seconds	5.4 seconds	5.4 seconds	4.5 seconds	3.5 seconds	2.9 seconds
Fuel System	Carburetor (4)	Carburetor (6)	Carburetor	Fuel Injection	Fuel Injection	Fuel Injection
Fuel Consumption	21.4 L/100 km 11 mpg	23 L/100 km 10.2 mpg	19.3 L/100 km 12.2 mpg	16 L/100 km 14.7 mpg	13 L/100 km 18.1 mpg	17.2 L/100 km 13.7 mpg
Dry Weight	1,125 kg 2,480 lb	1,065 kg 2,348 lb	1,480 kg 3,263 lb	1,576 kg 3,470 lb	1,650 kg 3,638 lb	1,576 kg 3,470 lb
Gearbox	5 speed manual rear wheel	5 speed manual rear wheel	5 speed manual rear wheel	5 speed manual rear wheel	6 speed manual all wheel drive	7 speed semi-automatic all wheel drive

Engine

Miura

Countach
LP400

Countach
LP500S

Diablo

Murcielago

Aventador

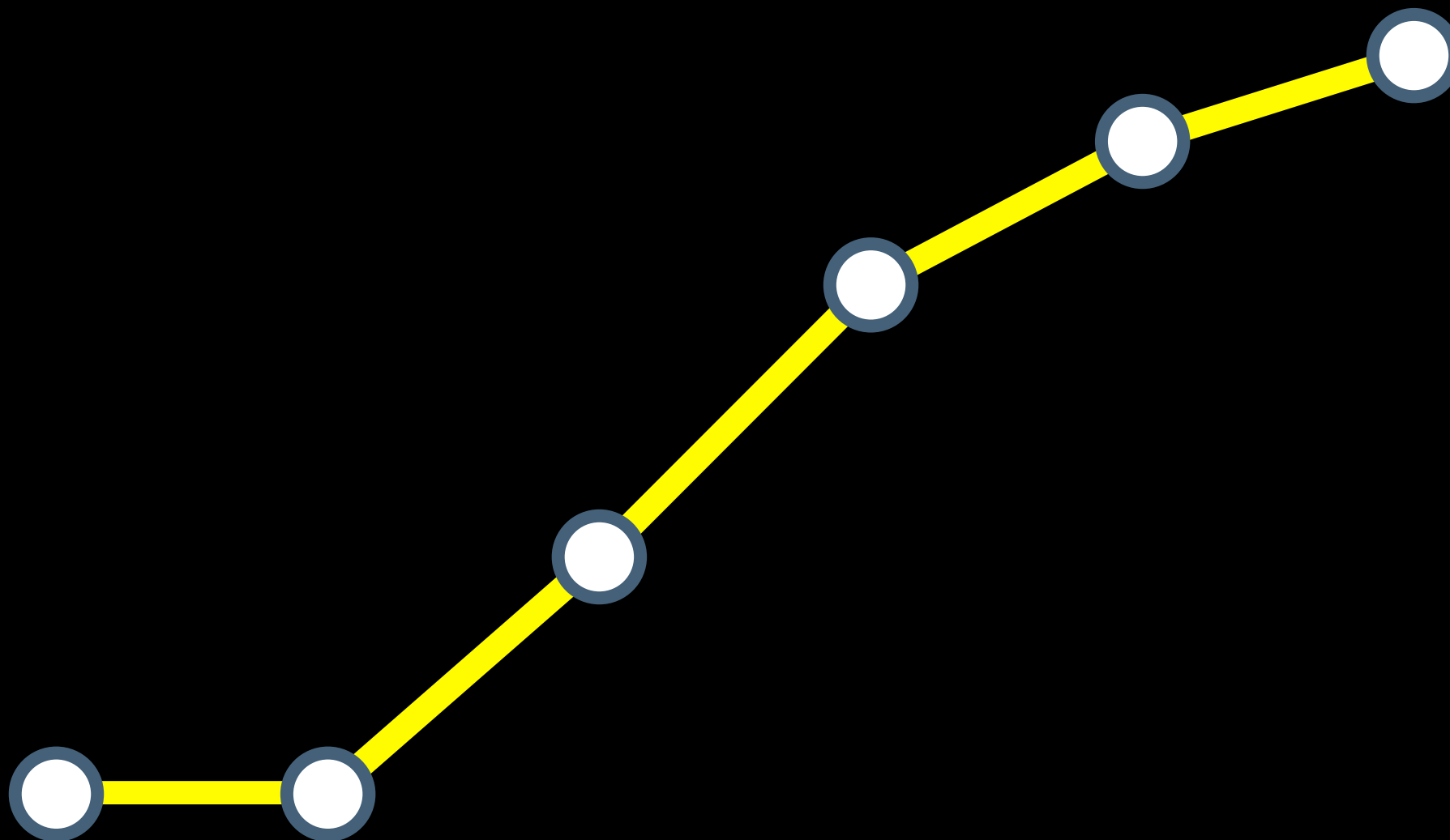
V12

V12

V12

V12

V12



Top Speed

Miura

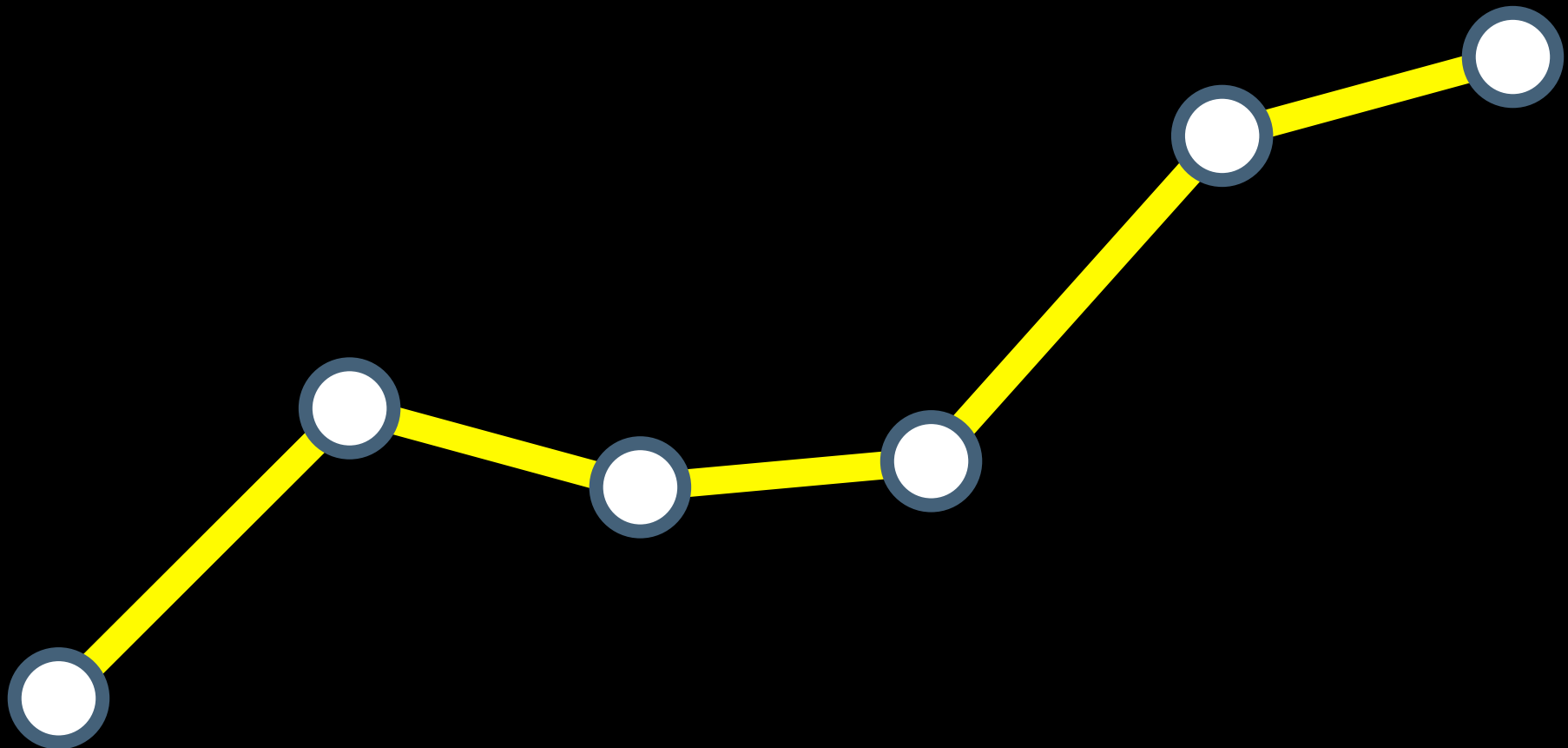
Countach
LP400

Countach
LP500S

Diablo

Murcielago

Aventador



Max Power

Miura

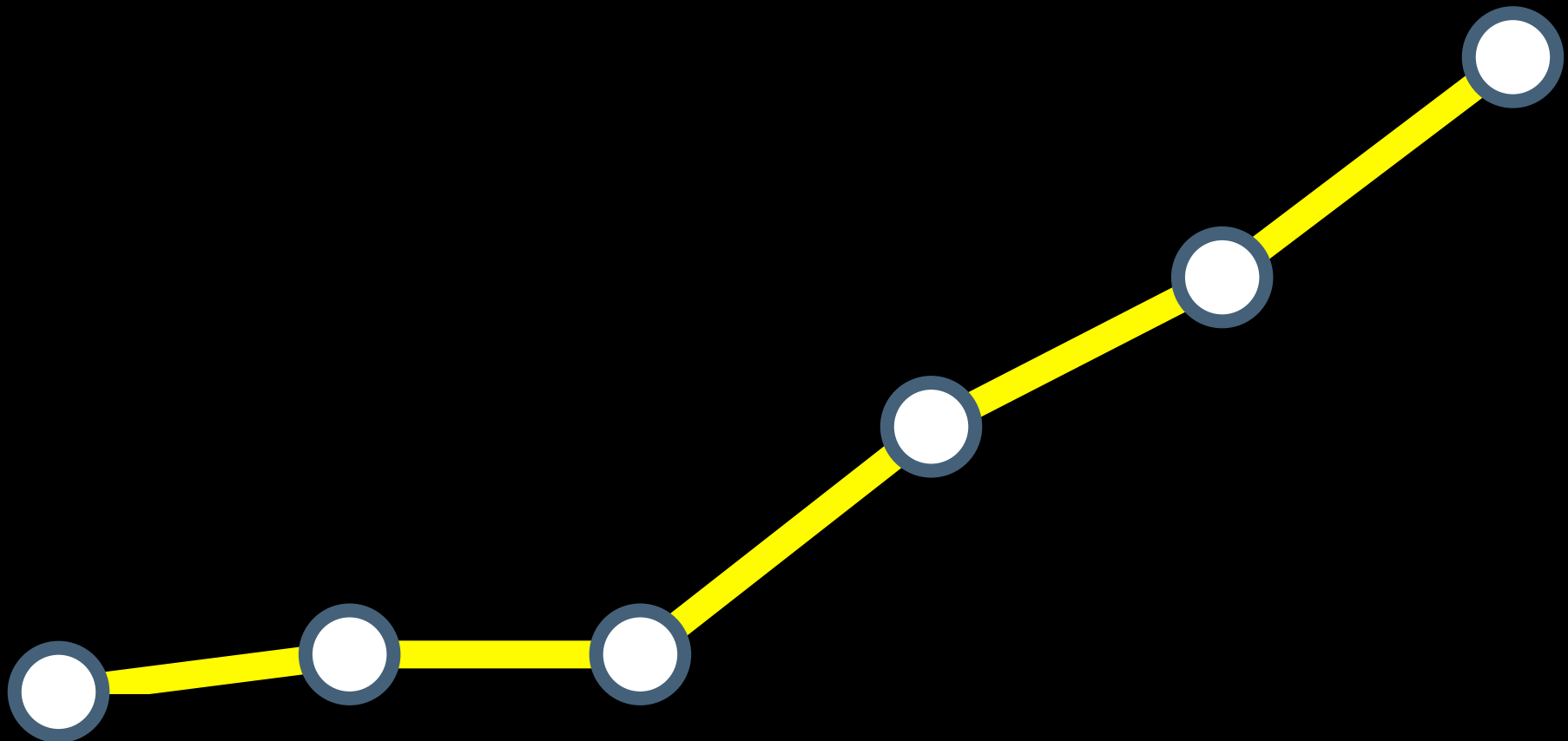
Countach
LP400

Countach
LP500S

Diablo

Murcielago

Aventador



0 to 100km/h

Miura

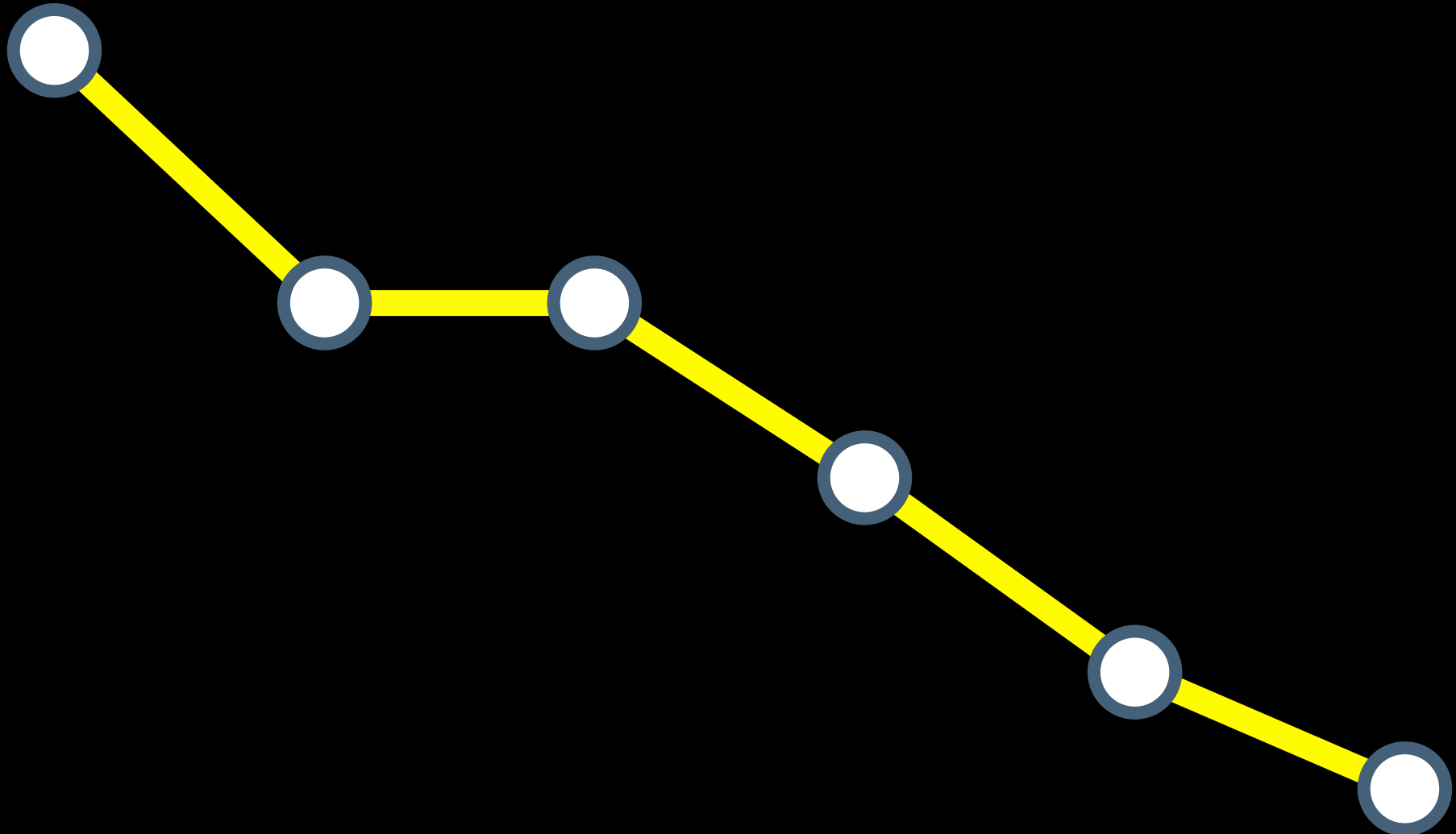
Countach
LP400

Countach
LP500S

Diablo

Murcielago

Aventador



IBM i



POWER8 

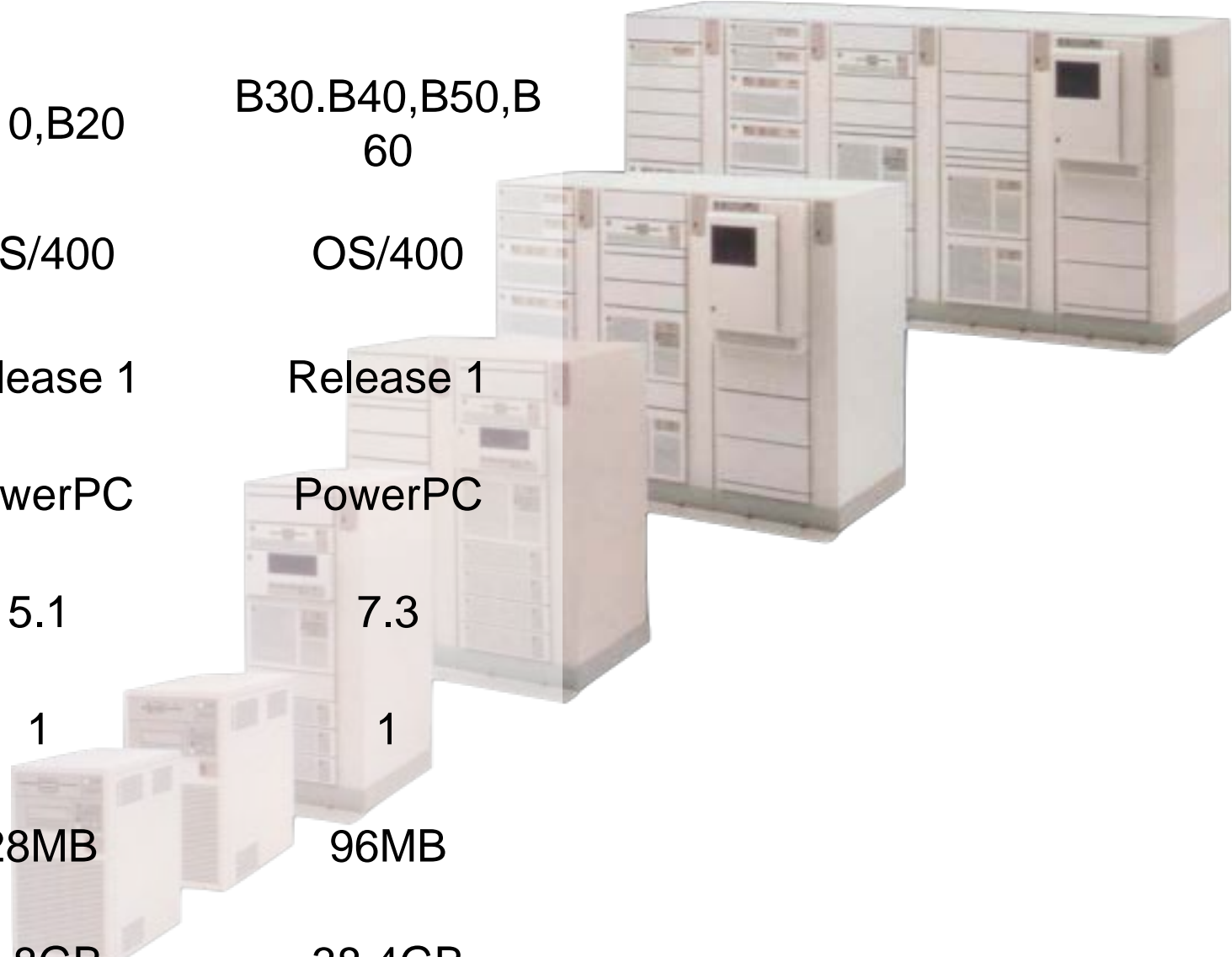
1988 - AS400

Model	B10
Operating System	OS/400
OS release	Release 1
Processor	PowerPC
CPW	1
Cores	1
Memory	8MB
DASD	1GB
Network	1 Token Ring



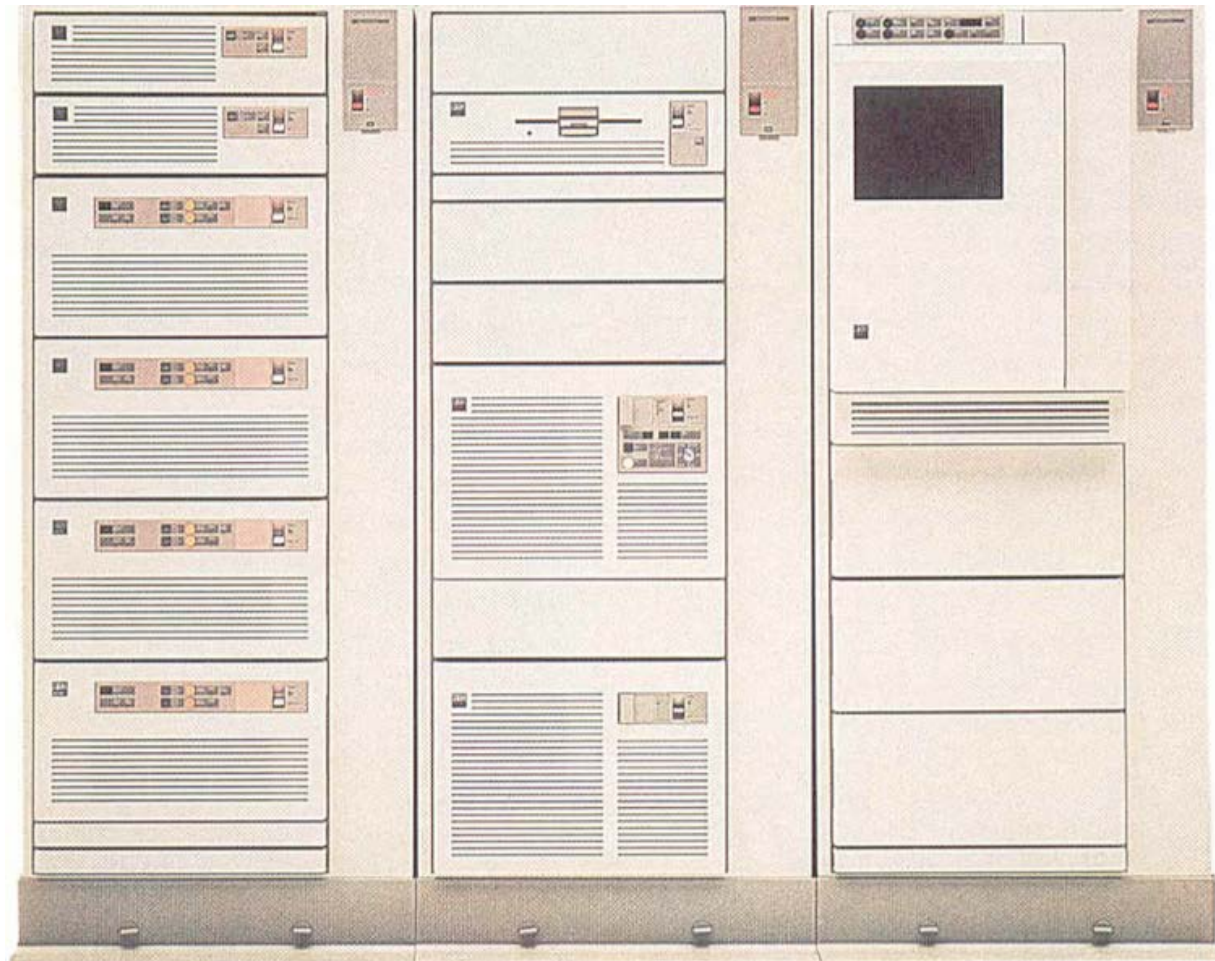
1988 - AS400

Models	B10,B20	B30,B40,B50,B60
Operating System	OS/400	OS/400
OS release	Release 1	Release 1
Processor	PowerPC	PowerPC
CPW	5.1	7.3
Cores	1	1
Memory	28MB	96MB
DASD	4.8GB	38.4GB
Network	2 Token Ring	2 Token Ring



1989 - AS400

Model	B70
Operating System	OS/400
OS release	Release 1
Processor	PowerPC
CPW	7.3
Cores	1
Memory	96MB
DASD	38.4GB
Network	2 Token Ring




2000 - @server iSeries

Model	840
Operating System	OS/400
OS release	V4R5
Processor	iStar
CPW	20,200
Cores	24
Memory	16GB
DASD	128GB
Network	96 Ethernet




2006 - System i

Model	595
Operating System	
OS release	V5R4
Processor	Power6
CPW	184,000
Cores	64 x 8
Memory	4TB
DASD	666 TB
Network	+Integrated Virtualization Ethernet




2008 - Power Systems

Model	595
Operating System	IBM i 
OS release	6.1
Processor	Power6
CPW	294,700
Cores	64 x 16
Memory	4TB
DASD	999TB
Network	+Integrated Virtualization Ethernet



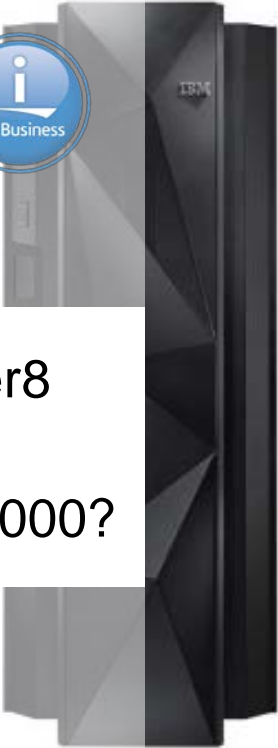





2012 - Power Systems

Model	795
Operating System	IBM i 
OS release	7.1
Processor	Power7+
CPW	> 1,800,000
Cores	256
Memory	16TB
DASD	999TB
Network	+Integrated Virtualization Ethernet



2014 - Power 8

Model	795	
Operating System	IBM i 	
OS release	7.2	
Processor	Power8	
CPW	> 3,600,000?	
Cores	256	
Memory	16TB	
DASD	999TB?	
Network	+Integrated Virtualization Ethernet	

	AS/400 B10	AS/400 B70	iSeries	System i	Power Systems	Power7+
Operating System	OS/400	OS/400	OS/400	i5/OS	IBM i 	IBM i
OS release	Release 1	Release 1	V4R5	V5R4	6.1	7.1
Processor	PowerPC	PowerPC	iStar	Power5	Power6	Power7+
CPW	1	7.3	20,200	184,000	294,700	> 1,800,000
Cores	1	1	24	8 x 64	16 x 64	8 x 32
Memory	8MB	96MB	16GB	4TB	4TB	16TB
DASD	1GB	38.4GB	128GB	666 TB	999 TB	999 TB
Network	1 Token Ring	2 Token Ring	96 Ethernet	+IVE	+IVE	+IVE

Memory - GB

AS/400 B10

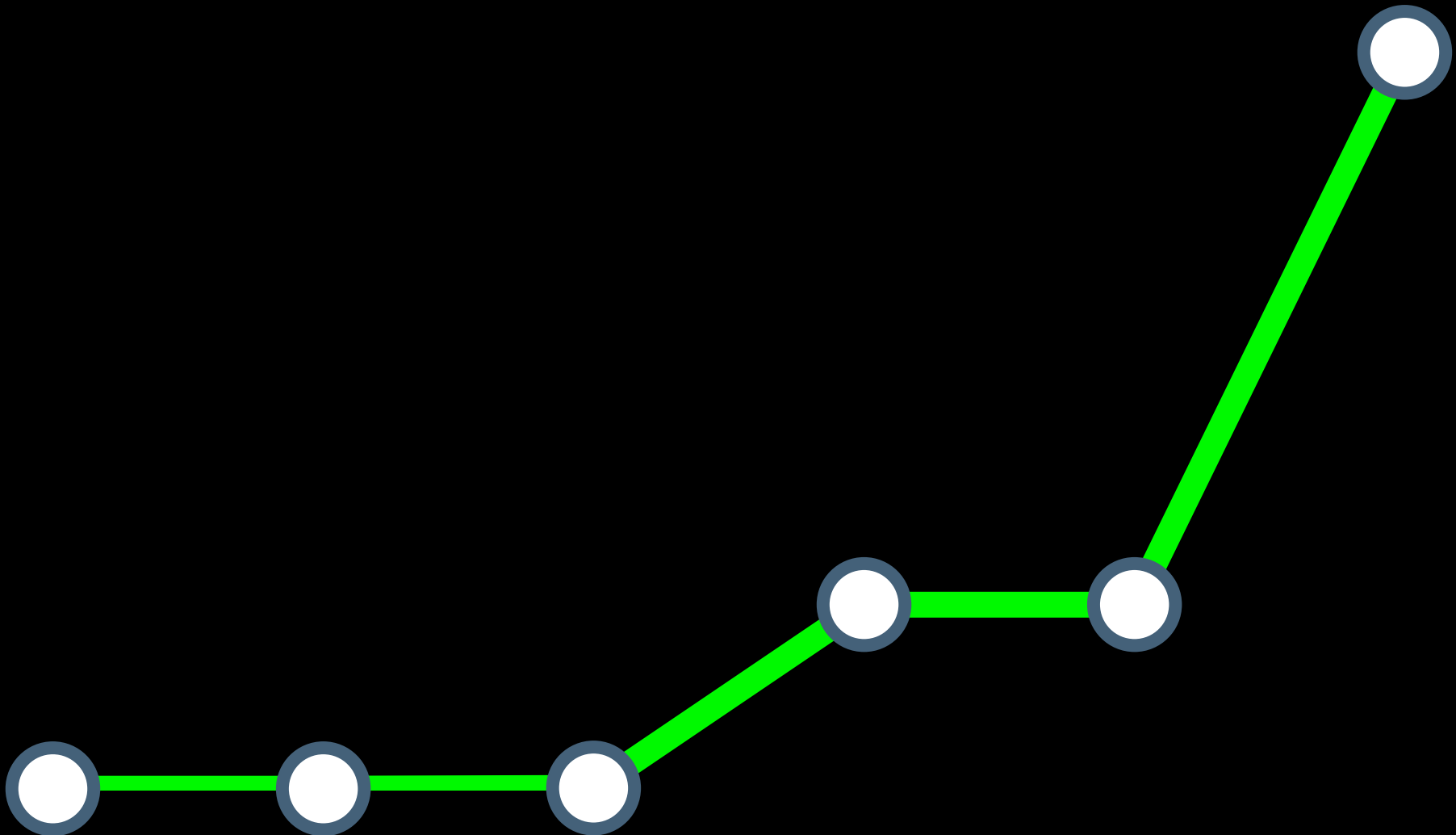
AS/400
B70

iSeries

System i

Power6

Power7+



DASD - TB

AS/400 B10

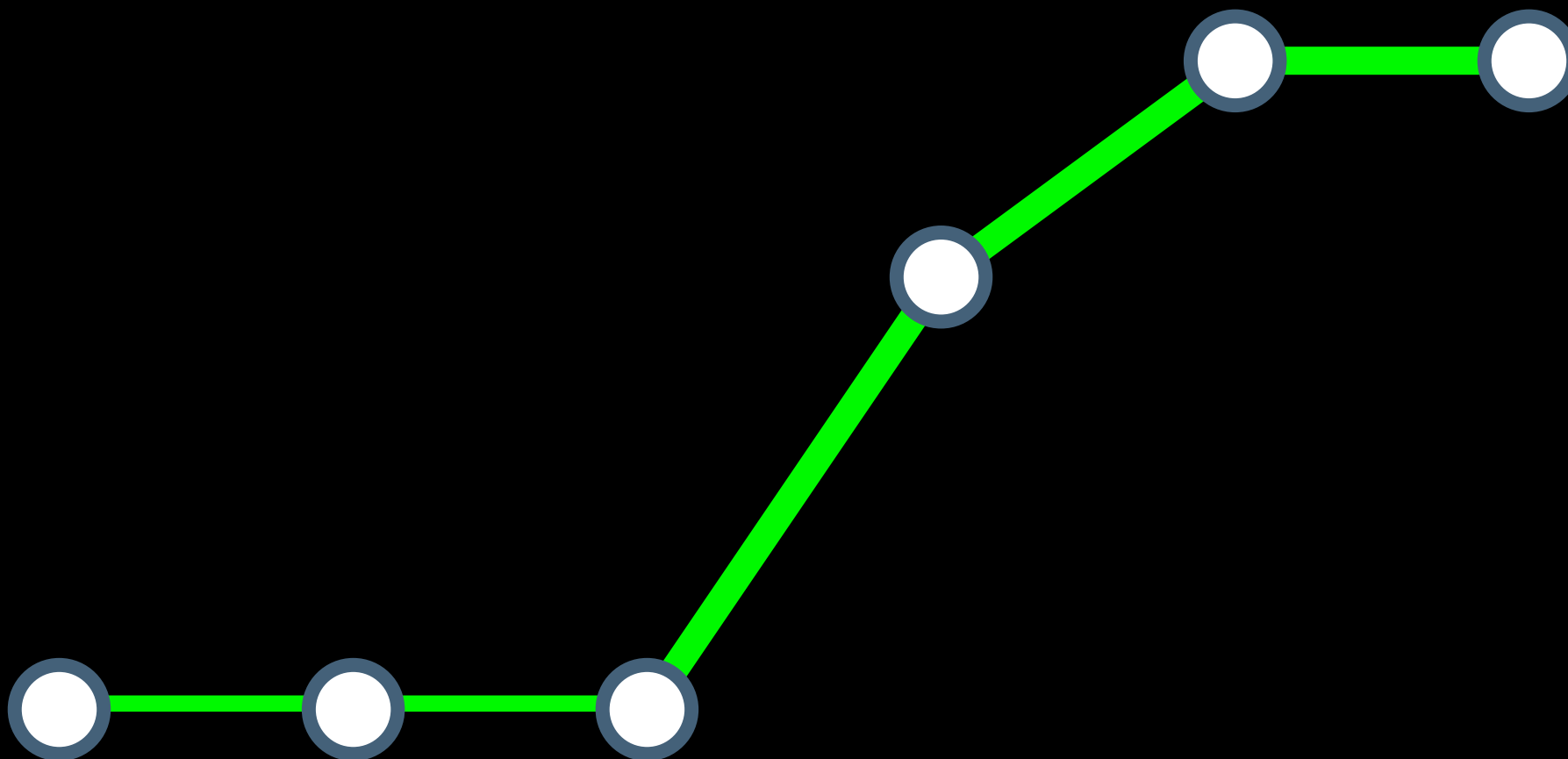
AS/400
B70

iSeries

System i

Power6

Power7+



Cores

AS/400 B10

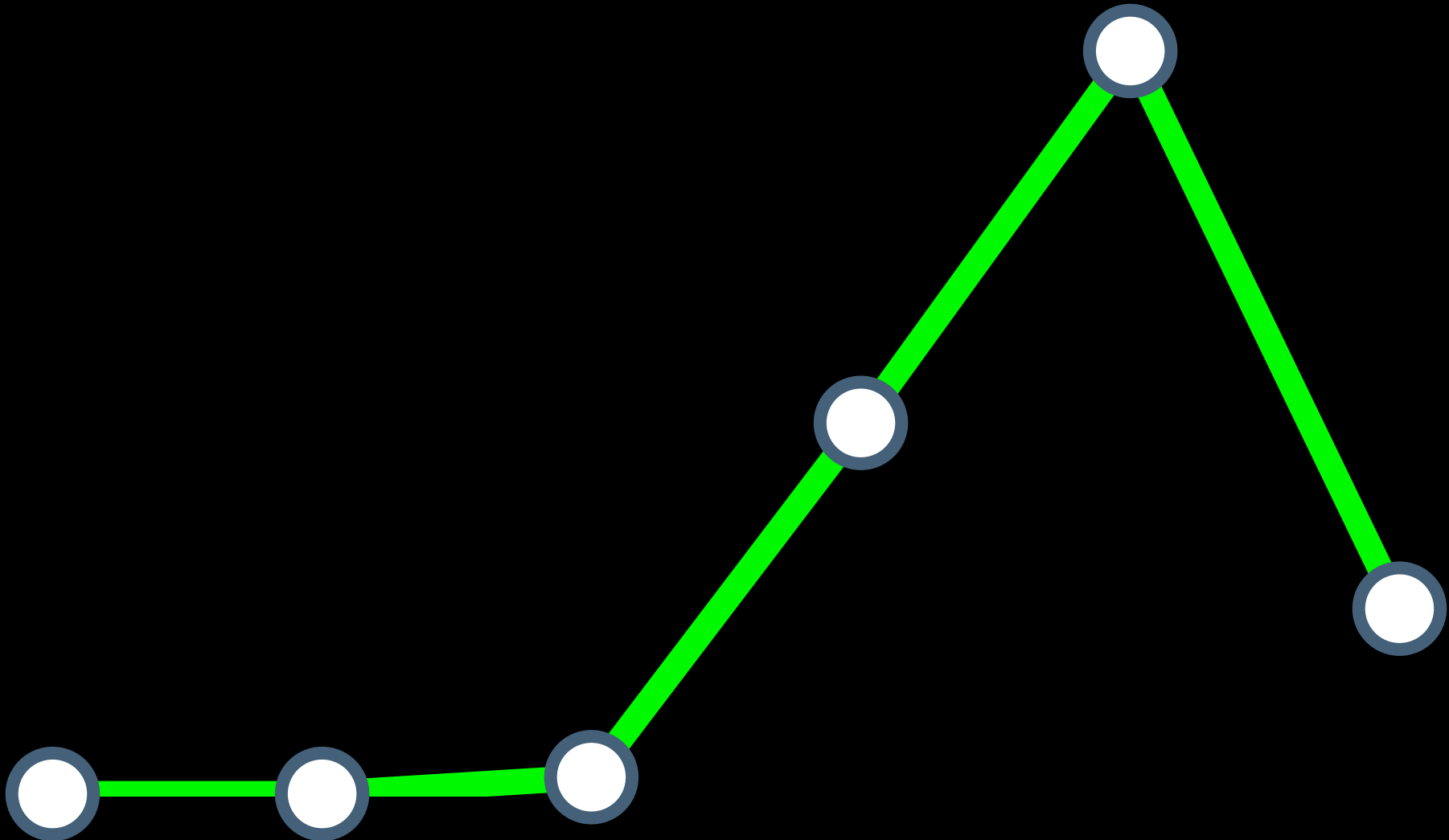
AS/400
B70

iSeries

System i

Power6

Power7+



CPW - Comparative Performance

AS/400 B10

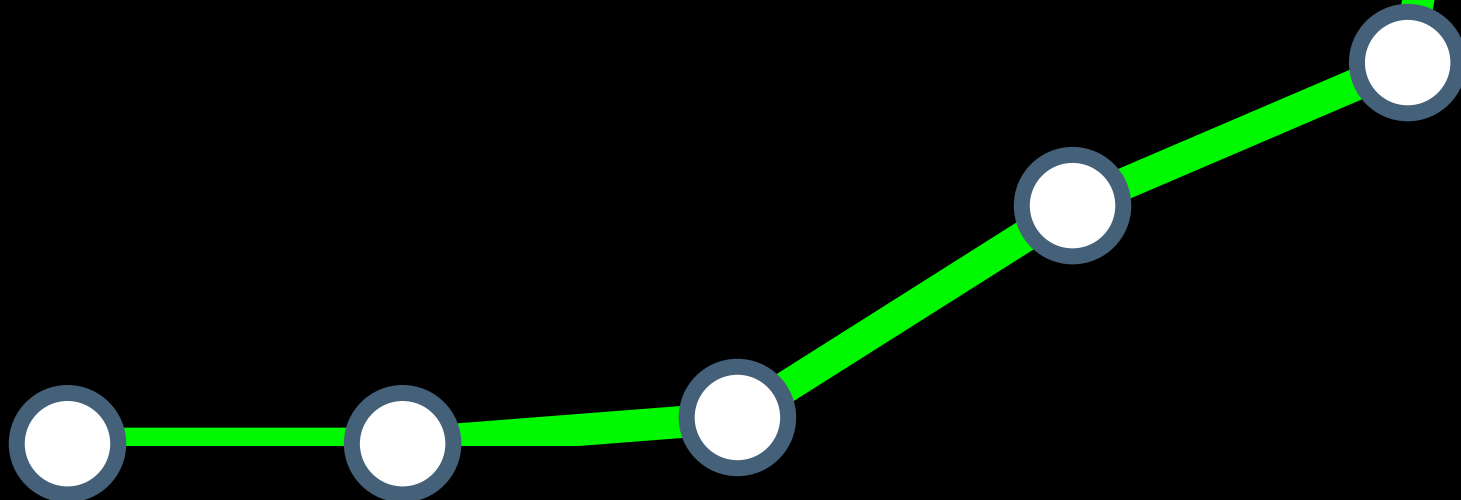
AS/400
B70

iSeries

System i

Power6

Power7+

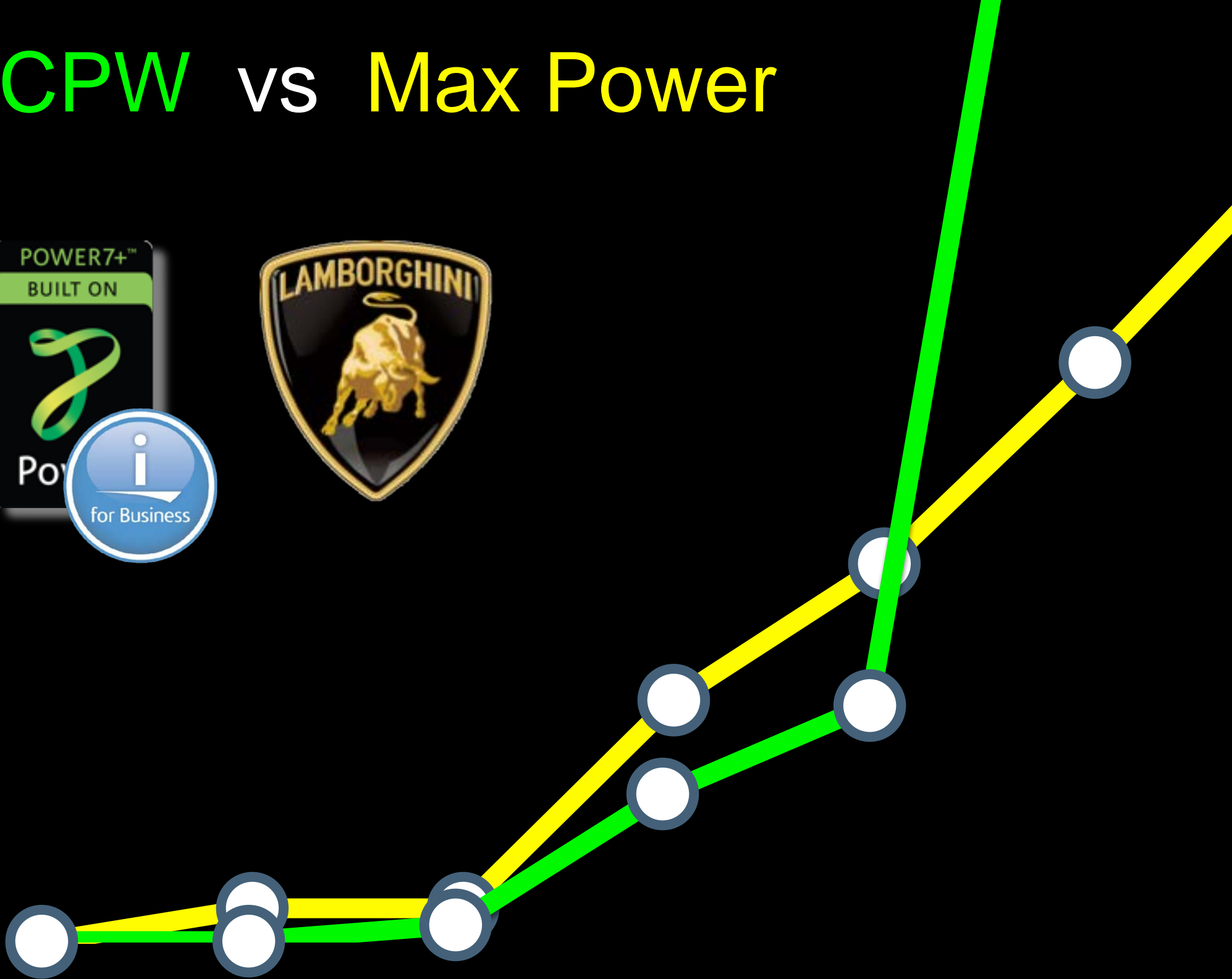


Lamborghini vs IBM i

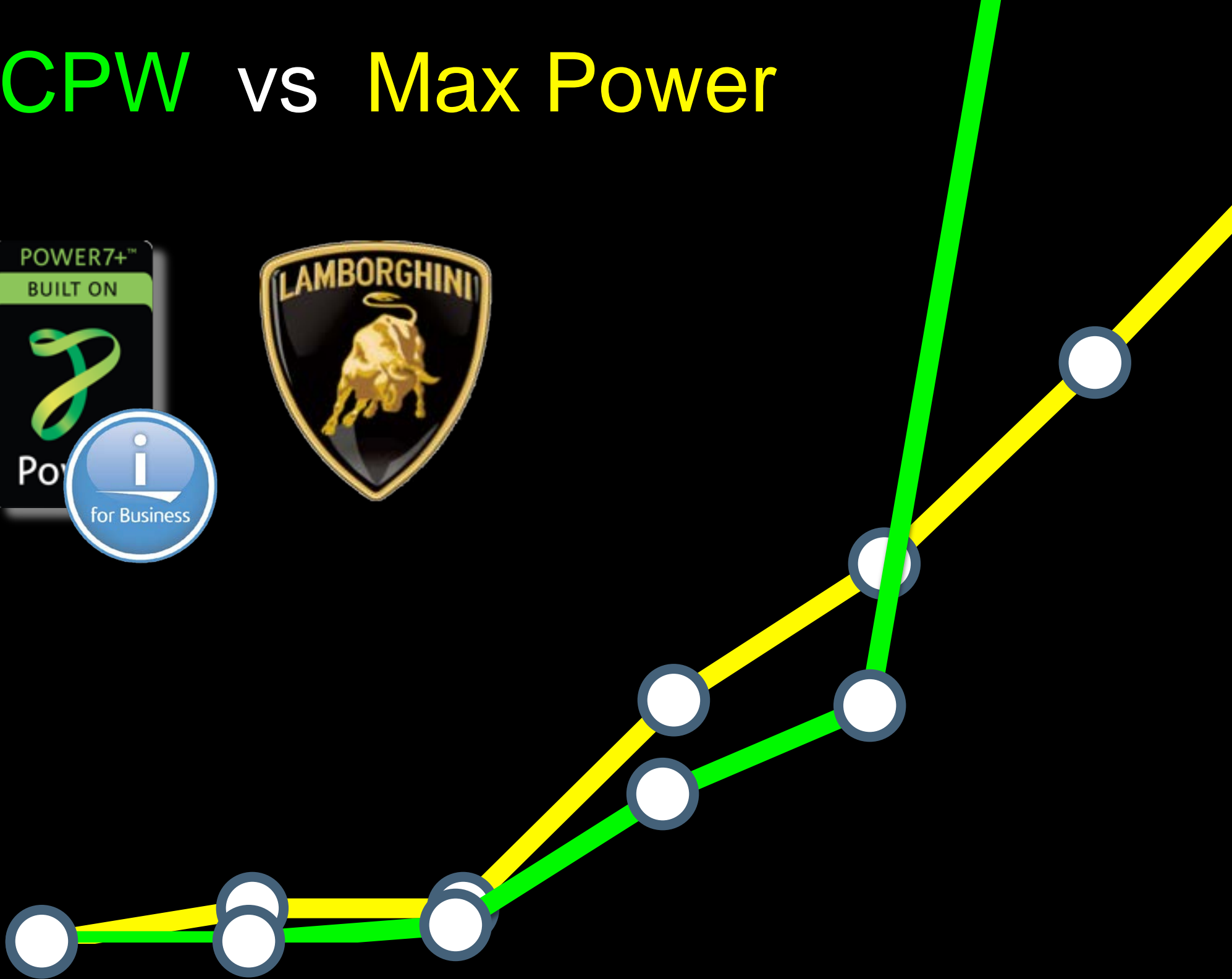
- Best of breed industry leader
- Constant evolution
- Latest in technology
- Performance growth



CPW vs Max Power



CPW vs Max Power



Result!

IBM i
is better than
Lamborghini



blog.angustheitchap.com

Branding



Branding



Branding

- Speaking

- i
- IBM i
- i on Power
- IBM i on Power



- Writing

- IBM i
- IBM i on Power Systems

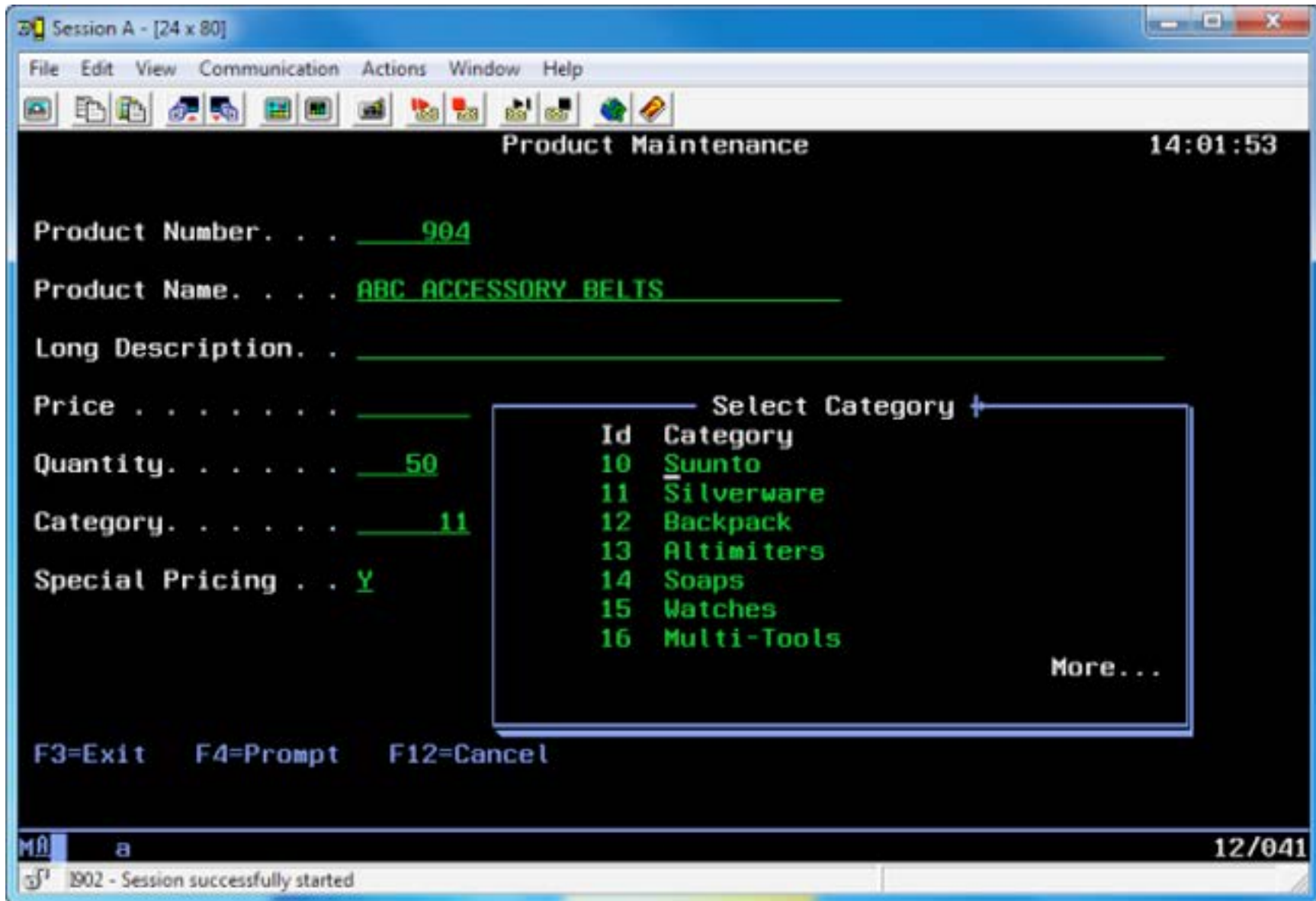


Stop!

- Using it like an old server



Old!



Old!



```
Remote System Explorer - IBM Websphere Development Studio Client for iSeries
File Edit Browse Search Project Data Run Window Help
Remote System Details Tasks iSeries Table View iSeries Commands Log IMS2900 Sessions
TKTEUS00MLITEN

Columns . . . : 6 76 Edit PROJEXSRC/SX4DEVELOP
SEU==> S2KDSPPRG

0089.00 * display selection window
0091.00 C Write cmd001
0092.00 C Exfmt Ct1001
0093.00 C Dow FuncKey <> F03 And Rrn001 > *zeros
0094.00
0095.00 * initialize sflrcdnbr value with pagrrn value from
0096.00 * i/o feedback area -- the lowest subfile rrn on the
0097.00 * current subfile display. ensures that proper page is
0098.00 * redisplayed.
0099.00 C Eval RcdMbr = Ds#Top
0100.00
0101.00 C Select
0102.00 * refresh subfile?
0103.00 C When FuncKey = F05
0104.00 * reposition subfile, reload subfile
0105.00 C Exsr #LodSf1
0106.00
0107.00 * add request?
0108.00 C When FuncKey = F06
0109.00 C Exsr #Add
0110.00 * if f03 or f12 then record not added otherwise re-position

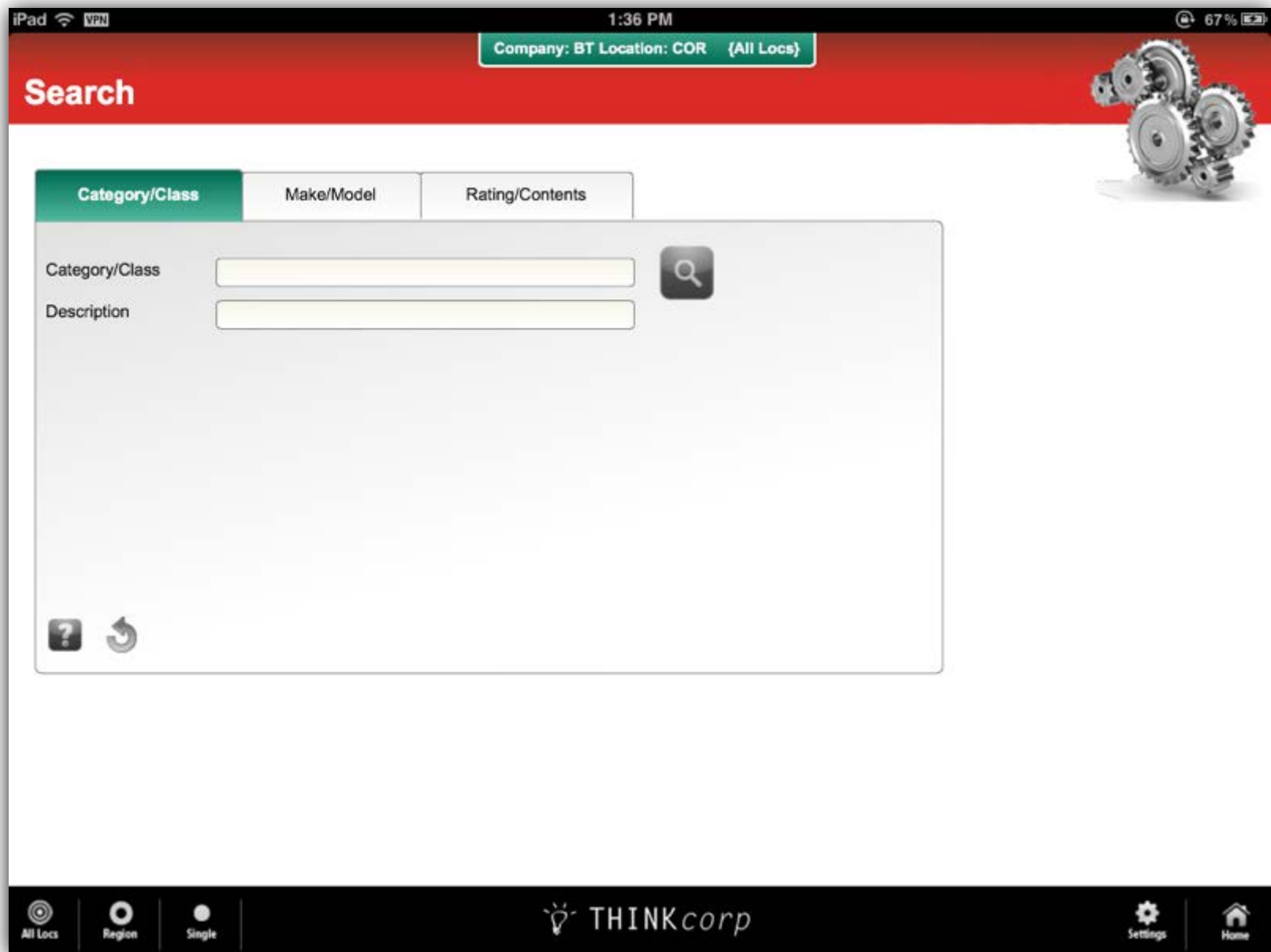
3/1
```

Start!

- Using it like a modern server



Modern




Modern



iPad VPN 1:38 PM 67%

Company: BT Location: COR (All Locs)

Category/Class



Category/Class	Description	Available
100-0100	TANK 21K GAL OPEN TOP	39
100-0200	TANK 21K GAL OPEN TOP LINED	
100-0500	TANK 21K GAL OPEN TOP COILS	
100-0700	TANK 21K GAL OPEN ACCESS	10
100-1000	TANK 21K GAL CLOSED TOP	17
100-1500	TANK 21K GAL CLOSED TOP COILS	3
100-2000	TANK 21K GAL SAFE TOP	17
100-2010	TANK 21K GAL SAFE TOP SHORT	2
100-2500	TANK 21K GAL SAFE TOP COILS	
100-2510	TANK 21K GAL SAFE TOP COILS SHOR	
100-3000	TANK 21K GAL EZ ACCESS	10
100-3010	TANK 21K GAL EZ ACCESS SHORT	4

All Locs Region Single Previous THINKcorp Next Back New Settings Home

Modern



```
10/30/11 11:22:49           Equipment Search           Sys: WSUATEST
                                                                Cmp: BT Loc: COR
                                                                Mode All Locs
Type option, press Enter to continue.  11=DRC  12=Decal  13=Accessories
  1=Select  2=Avail/loc  3=Last Rent  4=Acq Date  5=Resvtns  6=Rates  7=Specs
                                                                10=Tank Card
Opt Cat/Class Description Search Word Avail
--- 100-0100 TANK 21K GAL OPEN TOP TANK 21K 39
--- 100-0200 TANK 21K GAL OPEN TOP LINED TANK 21K
--- 100-0500 TANK 21K GAL OPEN TOP COILS TANK 21K
--- 100-0700 TANK 21K GAL OPEN ACCESS TANK 21K 10
--- 100-1000 TANK 21K GAL CLOSED TOP TANK 21K 17
--- 100-1500 TANK 21K GAL CLOSED TOP COILS TANK 21K 2
--- 100-2000 TANK 21K GAL SAFE TOP TANK 21K 17
--- 100-2010 TANK 21K GAL SAFE TOP SHORT TANK 21K 2
--- 100-2500 TANK 21K GAL SAFE TOP COILS TANK 21K
--- 100-2510 TANK 21K GAL SAFE TOP COILS SHOR TANK 21K
--- 100-3000 TANK 21K GAL EZ ACCESS TANK 21K 10
--- 100-3010 TANK 21K GAL EZ ACCESS SHORT TANK 21K 4
                                                                More...

F3=Exit  F5=Refresh  F7=Location toggle  F11=Fold/Unfold  F12=Previous
Select Cat/Class with one of the above options, press Enter.
```


Modern



iPad VPN 3:48 PM 65%

Company: BT Location: COR (All Locs)

Category/Class



Category/Class	Description	Available
100-0100	TANK 21K GAL OPEN TOP	
100-0200	TANK 21K GAL OPEN TOP LINED	
100-0500	TANK 21K GAL OPEN TOP COILS	
100-0700	TANK 21K GAL OPEN ACCESS	
100-1000	TANK 21K GAL CLOSED TOP	
100-1500	TANK 21K GAL CLOSED TOP COILS	
100-2000	TANK 21K GAL SAFE TOP	
100-2010	TANK 21K GAL SAFE TOP SHORT	
100-2500	TANK 21K GAL SAFE TOP COILS	
100-2510	TANK 21K GAL SAFE TOP COILS SHOR	
100-3000	TANK 21K GAL EZ ACCESS	10
100-3010	TANK 21K GAL EZ ACCESS SHORT	4

✕

A Availability

M Make/Model

R Rating/Contents

All Locs Region Single Previous THINKcorp Next Back New Settings Home

Modern



```
10/30/11 11:22:49           Equipment Search           Sys: WSUATEST
                                                                Cmp: BT Loc: COR
                                                                Mode All Locs
Type option, press Enter to continue.  11=DRC  12=Decal  13=Accessories
  1=Select  2=Avail/loc  3=Last Rent  4=Acq Date  5=Resvtns  6=Rates  7=Specs
                                                                10=Tank Card

Opt Cat/Class Description Search Word Avail
--- 100-0100 TANK 21K GAL OPEN TOP TANK 21K 39
--- 100-0200 TANK 21K GAL OPEN TOP LINED TANK 21K
--- 100-0500 TANK 21K GAL OPEN TOP COILS TANK 21K
--- 100-0700 TANK 21K GAL OPEN ACCESS TANK 21K 10
--- 100-1000 TANK 21K GAL CLOSED TOP TANK 21K 17
--- 100-1500 TANK 21K GAL CLOSED TOP COILS TANK 21K 2
--- 100-2000 TANK 21K GAL SAFE TOP TANK 21K 17
--- 100-2010 TANK 21K GAL SAFE TOP SHORT TANK 21K 2
--- 100-2500 TANK 21K GAL SAFE TOP COILS TANK 21K
--- 100-2510 TANK 21K GAL SAFE TOP COILS SHOR TANK 21K
--- 100-3000 TANK 21K GAL EZ ACCESS TANK 21K 10
--- 100-3010 TANK 21K GAL EZ ACCESS SHORT TANK 21K 4
                                                                More...

F3=Exit  F5=Refresh  F7=Location toggle  F11=Fold/Unfold  F12=Previous
Select Cat/Class with one of the above options, press Enter.
```


Modern



iPad VPN 3:48 PM 65%

Company: BT Location: COR (All Locs)

Category/Class



Category/Class	Description	Available
100-0100	TANK 21K GAL OPEN TOP	
100-0200	TANK 21K GAL OPEN TOP LINED	
100-0500	TANK 21K GAL OPEN TOP COILS	
100-0700	TANK 21K GAL OPEN ACCESS	
100-1000	TANK 21K GAL CLOSED TOP	
100-1500	TANK 21K GAL CLOSED TOP COILS	
100-2000	TANK 21K GAL SAFE TOP	
100-2010	TANK 21K GAL SAFE TOP SHORT	
100-2500	TANK 21K GAL SAFE TOP COILS	
100-2510	TANK 21K GAL SAFE TOP COILS SHOR	
100-3000	TANK 21K GAL EZ ACCESS	10
100-3010	TANK 21K GAL EZ ACCESS SHORT	4

A Availability

M Make/Model

R Rating/Contents

All Locs Region Single Previous THINKcorp Next Back New Settings Home

Modern

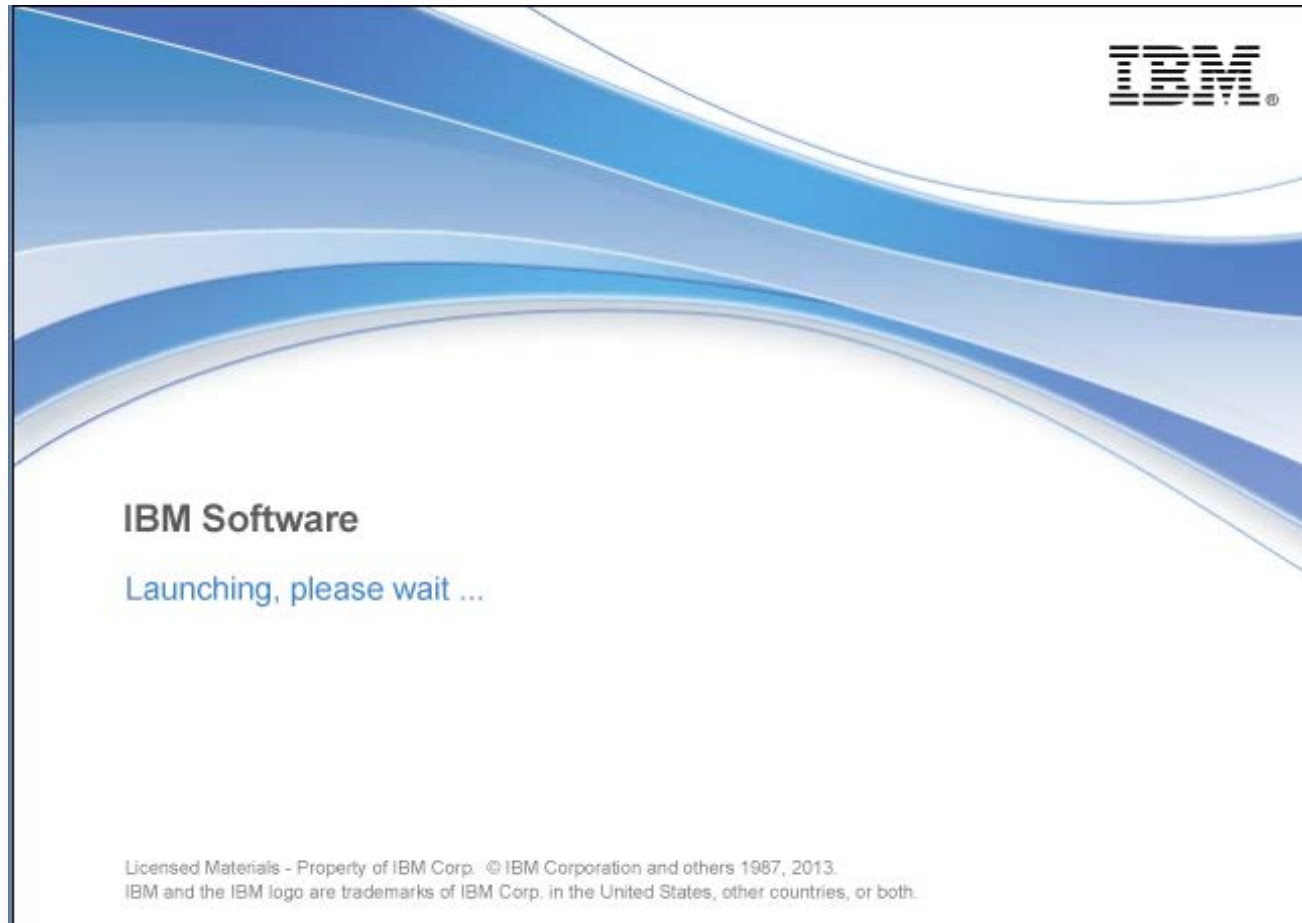


Start!

- Using modern tools



Modern



Modern



Remote System Explorer - RemoteSystemsTempFiles\.../QSYS.LIB/TREVOR.LIB/QRPGLESRC.FILE/LIST001.RPGLE - IBM Rational Developer for i

File Edit Source Compile(G) Navigate Search Project Run Window Help

Manage Licenses Quick Access Remote System Explorer

Remote System Explorer

- E2013A.*module
- E2013B.*module
- HDLWRT.*module
- DEMO.*msgf
- CUSTADDR.*file.pf-dta
- CUSTADDR.*file.dspf
- CUSTADDR1.*file.lf
- CUSTDOC.*file.pf-dta
- CUSTDOC.*file.dspf
- DEMO.*file.dspf
- EVFEVENT.*file.pf-dta
- HTMLOUT.*file.pf-dta
- KPI.*file.pf-dta
- LIST001.*file.prtf
- LIST002.*file.pf-dta
- MENUFILTER.*file.dspf
- MYFILE.*file.pf-dta
- QCLSRC.*file.pf-src
- QDDSSRC.*file.pf-src
- QMNUSRC.*file.pf-src
- QRPGLESRC.*file.pf-src
 - CUSTADDRR.rpgle
 - CUSTDOCR.rpgle
 - HDLR_HTML.rpgle
 - HDLR_XML.rpgle
 - HDLWRT.rpgle
 - HDLWRTRPG.rpgle
 - LIST001.rpgle
 - LIST001OAH.rpgle
 - LIST001OAX.rpgle
 - LIST002.rpgle
 - LIST002OAH.rpgle

LIST001.RPGLE

Line 2	Column 7	Replace
000100	H dftactgrp(*no)	
000200	fmovie IF E DISK	
000300	flist001 O E PRINTER	
000400	/free	
000500	read movier;	
000600	dow not %eof;	
000700	write outfmt;	
000800	read movier;	
000900	enddo;	
001000	*inlr = *on;	
001100	/end-free	

Outline

- Global Definitions
- Files
 - movie : DISK (Externally Desc)
 - list001 : PRINTER (Externally Desc)
- Indicators
- Main Procedure

Remote System Details Tasks Object Table Commands Log Terminals

Modern

- RPGIV
- C
- Java
- PHP
- Perl
- Python
- Ruby
- ...

Languages

- RPGIV
 - ILE
 - Open Access
- PHP
- HTML
- CSS
- Javascript



Start!

- Bragging about the platform



Make some noise!



Make some noise!



i4everyone.com



i4everyone.com



System/38



AS/400



iSeries



System i



Power Systems

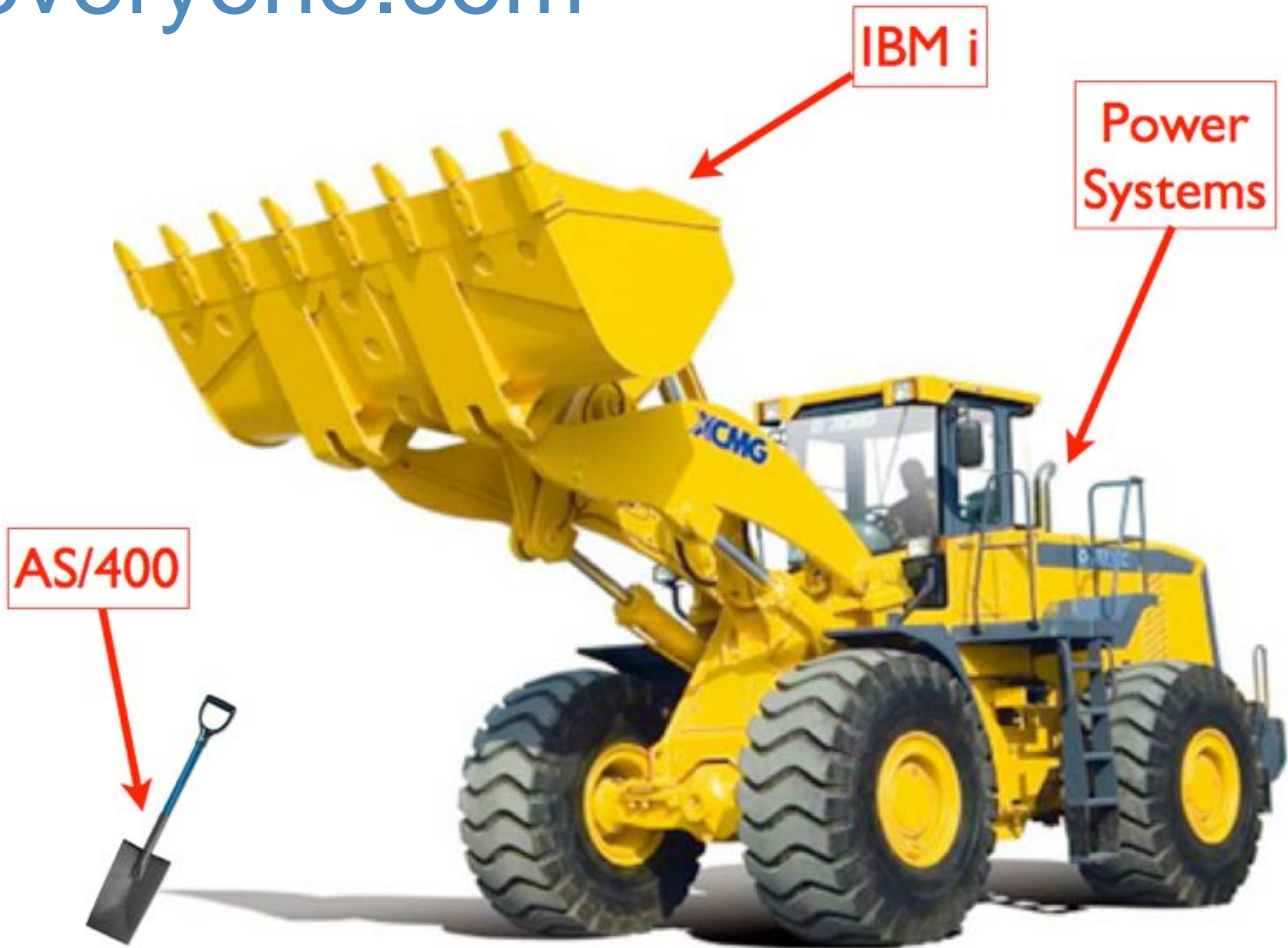


IBM i



IBM i on Power





i4everyone.com



**I got it!
You?**

IBM i runs on Power. Get yours from IBM!

Copyright © 20i4 Trevor Perry. All Rights Reserved.

i4everyone.com



Impervious

IBM i runs on Power. Get yours from IBM!

Copyright © 20i4 Trevor Perry. All Rights Reserved.

i4everyone.com



Impenetrable

IBM i runs on Power. Get yours from IBM!

Copyright © 20i4 Trevor Perry. All Rights Reserved.

i4everyone.com



Inextinguishable

IBM i runs on Power. Get yours from IBM!

Copyright © 20i4 Trevor Perry. All Rights Reserved.

i4everyone.com



Indefatigable!

IBM i runs on Power. Get yours from IBM!

Copyright © 20i4 Trevor Perry. All Rights Reserved.

i4everyone.com



Insane

(in a good way, of course)

IBM i runs on Power. Get yours from IBM!

i4everyone.com

- Send your ideas to:
 - info@i4everyone.com
 - angus@angustheitchap.com
 - trevor@trevorperry.com



i4everyone.com

- Send your ideas to:
 - info@i4everyone.com
 - angus@angustheitchap.com
 - trevor@trevorperry.com

- Create your own site!



i4everyone.com

- Send your ideas to:
 - info@i4everyone.com
 - angus@angustheitchap.com
 - trevor@trevorperry.com
- Create your own site
- Make your own noise!



blog.angustheitchap.com

In the 20th century,
this was an AS/400.

AS/400 ran OS/400.

It *was* the
coolest server
on the planet!





In the 21st century,
this is a Power Systems
server!

Power runs IBM i
Power runs Watson!
IBM i can run all your
OS/400 applications.
It *is* the coolest server
on the planet.



Learn

- Use autocorrect



Search

The Google logo, consisting of the word 'Google' in its signature multi-colored font: blue 'G', red 'o', yellow 'o', blue 'g', green 'l', and red 'e'.

- Searching
 - Lead with IBM i
 - Include main search words
 - iSeries, AS/400, i5

Search

The Google logo, featuring the word 'Google' in its signature multi-colored font: blue 'G', red 'o', yellow 'o', blue 'g', green 'l', and red 'e'.

- Being found
 - Lead with IBM i
 - Include main search words
 - iSeries, AS/400, i5

Search

The Google logo in its multi-colored font: G (blue), o (red), o (yellow), g (blue), l (green), e (red).

- Being found
 - Lead with IBM i
 - Include search words
 - iSeries, AS/400, i5
 - Must type IBM i for it to be searched!

Understand marketing

Product



Understand marketing

Product



Audience



Understand marketing

Oh look!
An AS/400...



Understand marketing

I am IBM i!

Oh look!
AS/400...



Understand marketing

Product

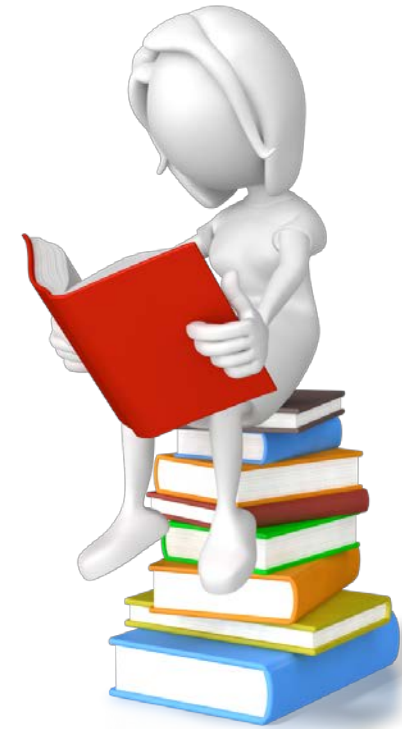


Audience



Research

- Keep up to date
 - IBM i
 - Technology Refreshes
 - Hardware
 - Community
 - IT Industry





IBM i

New to IBM i

Downloads & tools

Technical library

Technology updates

Community & forums

Services

Events

Related links

· Training

developerWorks > Technical topics >

IBM i

IBM articles, tutorials, and technical resources for IBM i users



Working with pointers in ILE RPG

In today's business environment, demand for sending or receiving large data within IT systems is constantly growing and IBM® i is no exception to that. To handle large data, ILE RPG can use a pointer function. This article describes the pointer concept, data segmentation method and how to use a pointer within ILE RPG [More >](#)

Featured content

Key topics

20 Jun 2013 — [Show descriptions](#) | [Hide descriptions](#)

- [Multiple event triggers support on IBM DB2 for i](#)
- [OLTP turbo boost achieved with IBM DB2 for i](#)
- [Manage an IBM WebSphere Application Server installation on IBM i with IBM Web Administration for i](#)
- [Introducing the IBM Mobile Database solution for IBM DB2 for i](#)
- [Using IBM Image Construction and Composition Tool](#)
- [Introducing IBM InfoSphere CDC replication for IBM DB2 for i solution](#)
- [Searching source physical file members using IBM OmniFind Text Search server for DB2 for i 7.1](#)
- [IBM i Live Partition Mobility in a multichassis IBM PureFlex System environment](#)
- [How to use TLSv1.2 with System SSL on IBM i 7.1](#)
- [IBM Navigator for i: Open for business](#)

[→ More content](#)

RSS

Learn about IBM i 7.1 Technology Refresh 6 (TR 6)

IBM i 7.1 Technology Refresh 6

- Enhancing the value proposition of IBM DB2® for i by extending SQL capabilities, improving performance and enhancing data center manageability
- Support for latest IBM POWER7™ Express Servers
- Use of USB Flash Drives now supported by IBM i
- New Mobile Solutions



Learn about IBM i 7.1 Technology Refresh 6 (TR 6)

IBM i product offering manager Alison Butteril introduces IBM i 7.1 Technology Refresh 6 (TR

Celebrating 25 years of Innovation



Watch the IBM i story unfold on Facebook

[→ Find out more](#)

developerWorks Live! IdeaJam

Shape the future of developerWorks: Extended through June 28

[→ Register for IdeaJam](#)

Spotlight

- [Technology moves fast. PASE can help](#)
- [Hayden Lindsey's letter to the IBM i community](#)
- ["Why IBM i?" Architectural Foundations](#)
- [An executive guide to the IBM i strategy and roadmap](#)
- [V5R4 - the End of Service is in sight](#)
- [IBM HTTP Server for i - Large File Support Overview](#)

developerWorks > Community >

Champions



- Overview
- Learn more
- Nominate an IBM Champion

IBM Champion program

The IBM Champion program recognizes innovative thought leaders in the technical community — and rewards these contributors by amplifying their voice and increasing their sphere of influence. An IBM Champion is an IT professional, business leader, developer, or educator who influences and mentors others to help them make best use of IBM software, solutions, and services.

IBM Champions are not employees of IBM.

Featured IBM Champions



Kenneth Milberg
Power Systems



Deepali Bansal
WebSphere



Roxanne Reynolds-Lair
Power Systems



Waldemar Duszyk
Power Systems

Champions on YouTube



IBM Champions discuss Information Management

[→ See them in action](#)

Recent IBM Champions' Activity

- [t_eddolls](#) DB2 goes big and mobile: <a href="http://mainframeupdate.blogspot.co... 23 Jun 2013
- [t_eddolls](#) Getting started with Big Data: <a href="http://mainframeupdate.blogs... 16 Jun 2013
- [NitaKhare](#) IBM SW Solutions 10 Jun 2013
- [t_eddolls](#) Fighting off the zombies!: <a href="http://mainframeupdate.blogspot.... 09 Jun 2013
- [mi@developerworks](#) Right now I am working on the SQL Transactions education materials for the ... 07 Jun 2013
- [AnthonyEnglish](#) created a blog entry titled A New

Find IBM Champions

Search by:

Select one

[→ Big data](#)

Enter keyword:

[→ Storage](#)





Blog

You and i *IBM i Trends and Strategies*

Authors:

06/21/2013



Steve Will
Posts
Bio



By Steve Will

Happy Birthday IBM i



Here it is! After a long build-up, the actual birthday is here. June 21, 2013 marks 25 years since the introduction of the AS/400. Today we officially say "Happy Birthday, IBM i!"

So where are the gifts?

Craig Johnson
Posts
Bio

Tweet

SHARE

Recent Comments

Susan Gantner on Happy Birthday IBM i

Sunil Jain on New PureFlex for i

Steve Will on The Three Rs:

UCG's VAULT400 delivers secure cloud backup and disaster recovery solutions. We'll help you escape from tape today! Once your data is gone, it's already too late.



Links

- IBM | Power Systems
- Power of i
- developerWorks IBM i Zone
- IBM | POWER Storage
- IBM | 7.1 Technical Overview Redbook
- IBM | Information Center
- IBM | Technology Refresh COMMON





Country/region [select]

Search

Home Solutions ▾ Services ▾ Products ▾ Support & downloads ▾ My IBM ▾

Welcome Trevor Perry [Not you?] [IBM Sign in]

IBM Systems support

BladeCenter

Power

System i

Support search

Register

Feedback

System p

System x

System x Integrated
Solutions

System z

System Storage

System Networking

System Blue Gene

IntelliStation Pro

IBM Monitors

Systems Management
softwareHardware options and
upgrades

Related links

- Warranties and licenses
- developerWorks
- alphaWorks
- IBM Business Partners

IBM i Technology Refresh

Get more from your operating system

Overview

IBM i 7.1

More information

FAQs

Following the GA of IBM i 7.1, IBM i point / modification releases have been replaced by a new release delivery mechanism called a Technology Refresh. A Technology Refresh is a collection of operating system software that is developed together, packaged together, tested together, and delivered together as a PTF Group for a base release.

The Technology Refresh PTF Group contains a Technology Refresh PTF plus related PTFs, including the most recent pre-GA fixes. The Technology Refresh PTF is Machine Code / Licensed Internal Code (57xx-999) and is part of the code stream of the base release, e.g., IBM i 7.1, rather than being a separate code stream, as is the case with a point release. A Resave associated with the Technology Refresh is also available.

A Technology Refresh may provide:

- Support for new hardware and firmware (for example, new I/O devices or newly announced models)
- Support for new virtualization functions
- Performance improvements
- New function enablement

The Technology Refresh PTF Group, Resave, or PTF may be downloaded, requested on media, and installed using standard procedures and tools. It is recommended that customers either install the Technology Refresh PTF Group plus the most recent Cumulative PTF package, or the Technology Refresh Resave plus the most recent Cumulative PTF package plus the Technology Refresh PTF Group. When a Technology Refresh is installed, the system release level, e.g., V7R1M0, does not change.

A Technology Refresh should be installed:

- To provide support needed for new hardware or virtualization functions
- To take advantage of performance improvements or new function enablement
- When required by subsequent PTFs (for example, fixes to code in the Technology Refresh PTF)

It is a best practice to keep the system up to date with the latest Technology Refresh installed, to avoid unnecessary down time. To determine the Technology Refresh level needed for a specific hardware feature code, refer to the [IBM Prerequisite](#) tool. The PTF Cover Letter, or Preventive Server Planning (PSP) information, will identify whether a Technology Refresh is a requisite for that PTF. If a PTF has a Technology Refresh requisite, the Technology Refresh PTF must be permanently applied before the PTF

Additional resources

→ [IBM i Resaves](#)→ [Recommended fixes](#)→ [IBM Redbooks for System i](#)→ [IBM Redbooks for Power Systems](#)→ [IBM i and System i Information Center](#)→ [IBM Systems Information Centers](#)

Translate this page

Select Language



Upcoming

On Demand

Blog

i Can *Technical Tips for i*



Dawn
May

« A Low-Cost External Storage Configuration With IBM i
| Main

June 19, 2013

Job Level SQL Metrics in Collection Services

Late last year, IBM enabled new support to collect SQL metrics in Collection Services. I'll be covering this new capability in two blog articles:

- This blog will review the new metrics that are now collected and describe what you need to do to enable the collection of these additional metrics.
- A subsequent blog will review the support added to the Performance Data Investigator to allow you to view and analyze these metrics.

Collection Services collects a wealth of information, but metrics related to SQL operations were limited. The tools used for DB2 and SQL performance analysis are separate from the system performance tools; interfaces such as the DB2 Health Center, SQL Plan Cache and Index Advisor, among others, are what you need to use to understand database performance issues.

Nitro iAdmin: All the IBM i admin functionality you need in a mobile app.

Links

- IBM i Wiki
- IBM i Info Center
- IBM i
- IBM i resources
- Performance Management on IBM i
- IBM i Redbooks
- Customer support for i
- Future software upgrade planning information
- COMMON



Tweet



SHARE

Recent Comments

Dawn May on IBM i Single Level Store ... In Lieu of a Crystal Ball

andres on IBM i Single Level Store ... In Lieu of a Crystal Ball

Dawn May on i Can ... Manage Workloads Better with IBM i 7.1

Dawn May on IFS Enhancements to Navigator for i

Rob Berendt on IFS Enhancements to Navigator for i





Blog

iDevelop *Application Development for IBM i*

« Need More Help? Help Yourself | Main



Jon
Paris

June 19, 2013

Random Musings on IBMi25, Liberty and ACS

The 25th anniversary celebrations of our favorite system are beginning to wind down as we approach the finale on June 25. If you missed any of the 25 chapters of the story they have been gathered together into a [whitepaper](#) that you can download from here. The official Facebook page also recently featured some interesting pictures from the Japanese celebrations--iBMi25 cookies! Take a look when you have five.

Catching Up on Our Reading

We were catching up with some of our reading backlog and came upon [Tim Rowe's blog](#) on Java application servers for IBM i. For us the most interesting news was that there's a new version of Websphere Application Server (WAS), known as the Liberty Profile, which should resolve one of the issues we've always had with WAS: application deployment. We still shudder at the memory of the bad old days of WAS when we were first teaching people WebFacing and trying to deal with the deployment



Susan
Gantner



Tweet



SHARE

Recent Comments

Mike Stramba on RDP Plug-ins

Innovation Data Processing

Cost-Effective BACKUP Storage Management



FDR/UPSTREAM...

Enterprise-wide, centralized solution with industrial strength file level backup & restore facilities save you time, costs and administrative efforts.

- [Reliable](#)
- [Scalable](#)
- [Affordable](#)

[Learn more about FDR/UPSTREAM](#)
www.innovationdp.fdr.com/upstream

Links

[Midrange.com](#)
[Angustheitchap.com](#)
[CODE400.com](#)
[think400.dk](#)
[scottklement.com](#)
[SystemiNetwork.com](#)
[Search400.com](#)
[MCPressonline.com](#)



[Register Now!](#)[Upcoming](#)[On Demand](#)

Blog

iSight

[« Adding the Right New Technology | Main](#)**05/24/2013**

The Many Faces of i



Allison
Butterill



The UI is a personal thing. What is intuitive and pleasing to one person might be less than helpful and ugly to another. In the beginning of computing, the UI was a box of green-bar paper with perforations and sprocket holes on the sides. Businesses made critical decisions from the data they saw on that paper. Programmers had an even more limited interface--punch cards.

PowerTech

SHOULD *ALLOBJ LET
ME DELETE STUFF?
BECAUSE I JUST DID.

The signs aren't
always this obvious.

[VIEW THE WHITE PAPER](#)[Managing Privileged Users on IBM i](#)

IBMCHAMPION

Links

- IBM | Power Systems
- Power of i
- developerWorks IBM | Zone
- IBM | POWER Storage
- IBM | 7.1 Technical Overview Redbook
- IBM | Information Center
- IBM | Technology Refresh
- COMMON

[Tweet](#)[SHARE](#)

Recent Comments

R A Valencourt on The Many Faces of i

John Taylor on Adding the Right New Technology

John Taylor on Adding the Right New Technology

Pascal Polverini on Adding the Right New Technology

Gil on IBM | 25: Venus and Mars

Power Systems

Advantages

Hardware

Software

Virtualization - PowerVM

AIX

IBM i

PowerLinux

Availability - PowerHA

Security - PowerSC

Energy

Systems Management

Solutions

Migrate to Power

Support and Services

Community

Resources

Success stories

News

Education

IBM Systems > Power Systems > Software >

IBM i Strategy and Roadmap

IBM i running on an IBM Power Systems server offers a highly scalable and virus resistant architecture with a proven reputation for exceptional business resiliency. Running applications based on IBM i has helped companies over many years to focus on innovation and delivering new value to their business, not on managing their data center operations.

You will find that IBM's commitment to IBM i clients, ISVs and business partners is solid and unchanged. With a clearly defined processor and software roadmap, IBM is making substantial investments in the future of IBM i as an important, strategic element in the IBM systems portfolio.

IBM i



Read this white paper on the IBM i strategy and roadmap.

English (885KB)

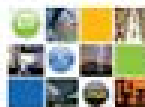
Mid-sized businesses save with IBM i



Read the new February, 2011 ITG report on why IBM i on Power is less expensive than x86 options.

Executive summary (508KB)

IBM i—Efficient, resilient business processing



See why companies rely on IBM i for an efficient IT infrastructure to support business-critical applications.

Learn more (374KB)

Get Adobe® Reader®

We're here to help



Easy ways to get the answers you need.



E-mail IBM



Find a Business Partner

or call us at
1-866-883-8901
Priority code:
101AR13W

Management
Energy
Security
Availability
Operating Systems
Virtualization
IBM® Systems Software

Related links

- Warranties, licenses and maintenance
- Special offers
- Compare Power Systems against Sun and HP
- Small business resource center
- Express Advantage for medium business



+ Share

0

More ▾

Next Blog»

ericjooka@gmail.com

Dashboard

Sign O

DB2 for i

Insight and perspectives on data management using IBM i

Monday, October 8, 2012

Learn Something New this Autumn, Take a Bite Out of the Apple

The [Mini-Apple](#) that is.

In two weeks the Fall 2012 edition of [RPG & DB2 Summit](#) will start in Minneapolis Minnesota.

Ok, technically speaking, the conference hotel is located in Bloomington (which happens to be really close to [MOA](#) by the way), but both Minneapolis and Saint Paul are a stones throw away.

It is not too late to sign up and gain access to a bushel basket of fantastic sessions. Kent Milligan and I will be there talking all about the latest features and functions announced as part of 7.1 TR5. We'll also be discussing how to get the most out of your system via data centric programming. Given that Rochester is only 80 miles to the south, it's possible we'll have some special guests come up from the home office too.

To be sure, our friends [Paul](#), [Susan](#) and [Jon](#) put on a high quality event, and I expect this one to be exceptional. Rumor has it that [Steve Will](#) - Chief Architect of IBM i will be there to share his thoughts on the [best OS](#) built for business.

So, if you have been following along, you know that this is where you need to take some action. It's time to get educated, get smarter, and get better. This in turn will enable you to be **MORE VALUABLE**

Follow by Email

Links

[IBM DB2 for i site](#)

[DB2 for i Technology Updates wiki](#)

Blog Archive

Blog Archive ▾

About Me



[Mike Cain](#)

Mike Cain is the team leader of the IBM DB2 for i Center of



Social Media

- Twitter
 - #IBMi,#IBMPowerSystems
- LinkedIn
 - IBM i Professionals
- Facebook
 - facebook.com/ibm.i.on.power
[facebook.com/ibmi25](https://www.facebook.com/ibmi25)



Country/region [select]

Search

- Home
- Solutions
- Services
- Products
- Support & downloads
- My IBM

developerWorks >

developerWorks.

RPG Cafe



Search for within

My developerWorks
 Welcome, **Guest**
[Sign in or register](#)

Welcome to the RPG Forum. Please use the RD Power forum (<http://www.ibm.com/developerworks/forums/forum.jspa?forumID=2285>) for discussions of WDSC, RDP and RDI.

By using this forum, you agree to abide by the [forum etiquette](#) and that you understand the [Terms of Use](#) governing this web site.

- [Post New Thread](#)
- [Watch Forum](#)
- [Watch list](#)
- [Forum settings](#)
- [Help](#)

Messages: 1,912 * Threads: 374 * Filter: * Pages: 25 - [[1](#) [2](#) [3](#) [4](#) [5](#) | [Next](#)]

	Threads	Author	Views	Replies	Last Post
	Please post threads about non-RPG subjects in the "IBM I" forum	barbara_morris	2,277	0	Dec 13, 2011 10:45:12 AM Last Post By: barbara_morris
	Help for text-markup in this forum, how to post code	barbara_morris	4,505	0	Jan 10, 2011 10:30:02 AM Last Post By: barbara_morris
	Please post threads about RDP and RDI in the RD Power forum	barbara_morris	4,540	0	Nov 02, 2010 01:36:11 PM Last Post By: barbara_morris
	IDE for RPG and Cobol	NelsonCarta	165	2	Oct 14, 2012 01:31:42 AM Last Post By: scott_klement
	Setting and changing the library list in RDP	SolidAu	223	3	Oct 05, 2012 03:33:43 PM Last Post By: barbara_morris
	Socket Program - Scott's Tutorial	BradPorter	356	2	Sep 26, 2012 04:38:20 PM Last Post By: BradPorter
	Open Access - subfile namevalue fields input/output properties	Cees3	282	1	Sep 26, 2012 01:49:06 PM Last Post By: barbara_morris
	Problem in Passing Datastructure values to Stubs generted by wsdl2rpg	hsn752	270	0	Sep 25, 2012 07:29:16 AM Last Post By: hsn752
	SQLRPGLE Error with ISO dates	Arthur Adams	731	5	Sep 18, 2012 11:37:13 PM Last Post By: JackCallahan
	Sockets : Non blocking Vs Asynchronous	Prithiviraj	895	6	Sep 16, 2012 01:09:56 AM Last Post By: Prithiviraj
	Problem generating RPG stubs from WSDL	dunnrite	809	3	Sep 12, 2012 09:39:14 AM Last Post By: barbara_morris

Legend

- New content since your last visit
- Updated content since your last visit
- Contents that have been read
- Answered question
- Unanswered question

We want to know YOU

→ [Update your developerWorks community profile and start connecting with others.](#)

Community

- User group
 - Networking
 - Knowledge exchange
 - Education



Community

- User group
 - Networking
 - Knowledge exchange
 - Education

- Let your peers know!

Community



The screenshot shows a browser window with the URL <https://www.facebook.com/iBelievecommunity>. The page header includes the Facebook logo, the name 'iBelieve', a search bar, and navigation links for 'Home', 'Trevor', and settings. The main content area features a large banner image of a hand using a tablet, with the 'iBelieve' logo overlaid. Below the banner is a profile picture of the 'iB' logo, the name 'iBelieve', and the text '51 likes · 1 talking about this'. There are buttons for 'Liked', 'Message', and a dropdown menu. A description under the heading 'Computers' reads: 'iBelieve is a community forum – bringing together IBM i users and experts alike, highlighting the strengths and successes of this popular server platform'. Below this are tabs for 'About - Suggest an Edit', 'Photos', 'Likes' (showing a thumbs-up icon and the number '51'), and 'Events' (showing the 'iB' logo). A 'Highlights' dropdown menu is visible below the tabs. On the right sidebar, there is a 'Create Page' button, a 'Now Launched' status, and a sponsored advertisement for 'I Rave About My Roofer' with a photo of a woman and the text 'Hire with confidence and get great results. Join Angie's List for reviews you can trust.' Below the ad is another sponsored ad for 'Udi's Gluten Free Coupon' with a photo of Udi's bread and the text 'Looking for gluten free options? Try'.

Community outreach

- Schools
 - Reach out!
 - Teach an IBM i class
 - Present “Why i?”
 - Attend career days
 - Engage students in user group



IBM i Developers

- Train developers
 - RPGIV
 - SQL
 - ILE
 - RD Power
 - Other languages...



IBM i Developers

- Hire interns
 - Local schools
 - Teach IBM i
 - Have them teach you
 - Presentation of results



Push through 'stupid'



Push through 'stupid'

- You **are** ignorant
- You **feel** stupid



Your Company

- Customers
 - Internal
 - External
- IBM i developers



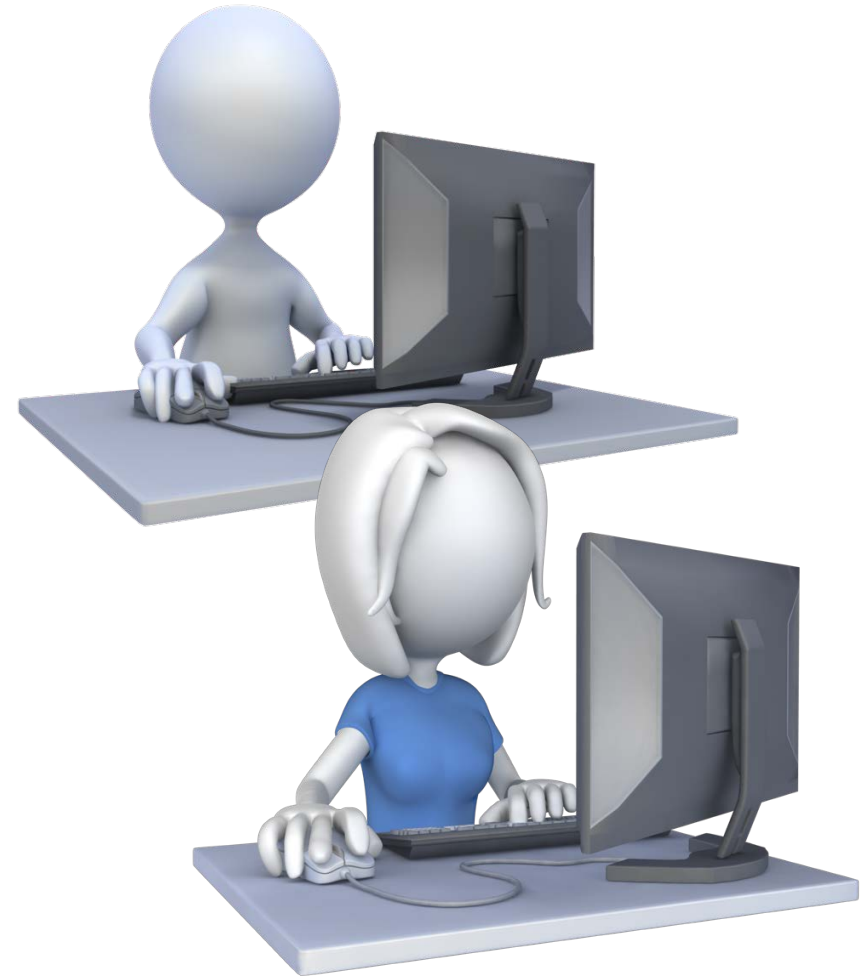
External Customers

- **Supply Chain**
 - Application focus
 - Application Integration Service Orientation
 - Power of IBM i
- **Partners**
 - Power of IBM i
- **Industry groups**
 - Power of IBM i



Internal Customers

- Company Management
 - Power of IBM i
- I.T. Management
 - Power of IBM i
- Users
 - Application focus



Justifying IBM i





Business cases?

- RDi
- SQL
- ILE
- Modernization



Business case: RDi

- SEU = 5 days



Business case: RD_i

- SEU = 5 days
- RD_i = 3 days



Business case: RDi

- SEU = 5 days
- RDi = 3 days
- To get comfortable = 3 to 5 days



Business case: RDi

- SEU = 5 days
- RDi = 3 days
- To get comfortable = 3 to 5 days
- To be proficient = 3 to 5 weeks



Business case: RDi

- SEU = 5 days
- RDi = 3 days
- To get comfortable = 3 to 5 days
- To be proficient = 3 to 5 weeks
- Worst case (basic mathematics)
Cost = 25 days



Business case: RDi

- SEU = 5 days
- RDi = 3 days
- To get comfortable = 3 to 5 days
- To be proficient = 3 to 5 weeks
- Worst case (basic mathematics)
Cost = 25 days
ROI = 12 weeks



Business case: RDi

- If in 5 weeks

I will be 60 percent more productive than I am today,

and I need to invest in a 5 day training class...



Business cases?

- RDi
- SQL
- ILE
- Modernization

Blog

You and i *IBM i Trends and Strategies*

Authors:



Steve Will
 Posts
 Bio

Craig Johnson
 Posts
 Bio



Recent Comments

Jean Mikhaleff on Modernizing—Bellamy & looksoftware

Steve Will on Announcing IBM i 7.1 TR8

Jean Mikhaleff on Modernizing—Mincron and LANSA

John Erps on Modernizing—Mincron and LANSA

JoeHertvik on Announcing IBM i 7.1 TR8

Jean Mikhaleff on Modernizing—

« Future of IBM i – CAAC Buzz | Main | Key IBM i Posts from 2012 "You and i" »

12/10/2012

TCO, TCA and Low Cost of Downtime – the ITG Studies and IBM i



Two studies have recently been completed by the International Technology Group (ITG) that should be of particular interest to the IBM i community. I wrote about the previous ITG study back in February of 2011. Now, almost two years later, the refreshed study confirms what the prior study showed, and what we all know from experience: IBM i on Power

Systems is not only a great platform for function and stability, but it's also a great platform for a company's bottom line.

The first new study is the ITG study called "IBM i for Midsize Businesses." The short URL for it is http://bit.ly/IBMiTCO_ITGMidsize and it confirms that the total cost of ownership for IBM i is significantly less than for the typical x86-based competition. Here's a key chart.

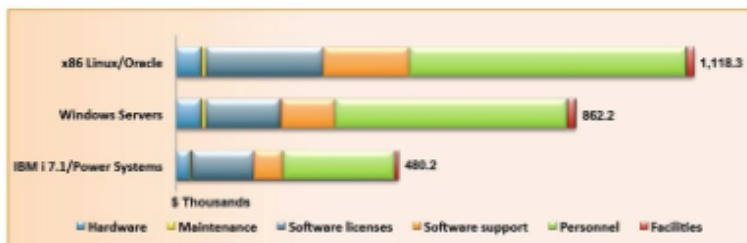



Figure 1: Overall Three-year Costs by Platform – Averages for All Installations




IBM POWER Systems Webinar
 Tuesday, October 28, 2014
 10am CST / 11am EST

Brought to you by Datatrend Technologies and the IBM Austin Lab


News and knowledge sharing to leverage the IBM POWER platform

Reserve your spot today!



Links

- IBM i Power Systems
- Power of i
- developerWorks IBM i Zone
- IBM i POWER Storage
- IBM i 7.1 Technical Overview
- Redbook
- IBM i Information Center
- IBM i Technology Refresh
- COMMON




WEBINAR

Thursday, October 23 | 10 PT / Noon CT / 1 ET

Modernizing EDI: Best Practices for Project Planning and Migration

Is your current EDI approach meeting your business needs?





IBM i for Midsize Businesses

- http://bit.ly/IBMiTCO_ITGMidsized
- The total cost of ownership for IBM i is significantly less than for the typical x86-based competition

Overall 3 year costs

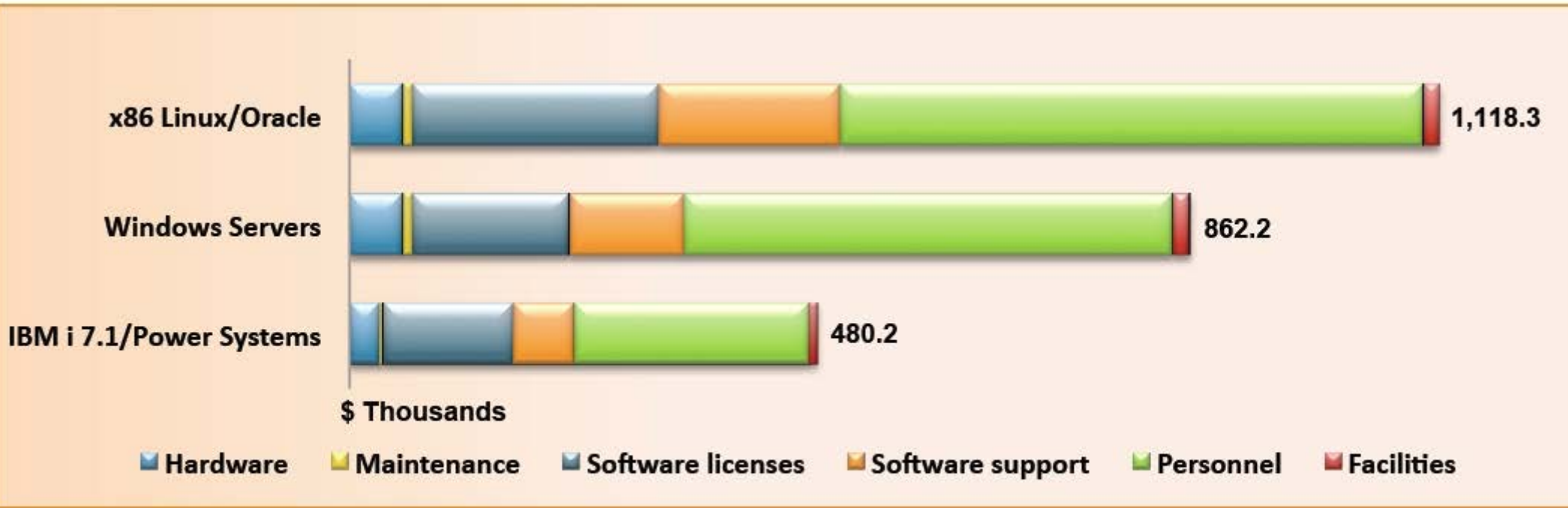


Figure 1: Overall Three-year Costs by Platform – Averages for All Installations

TCA & TCO 3 year costs

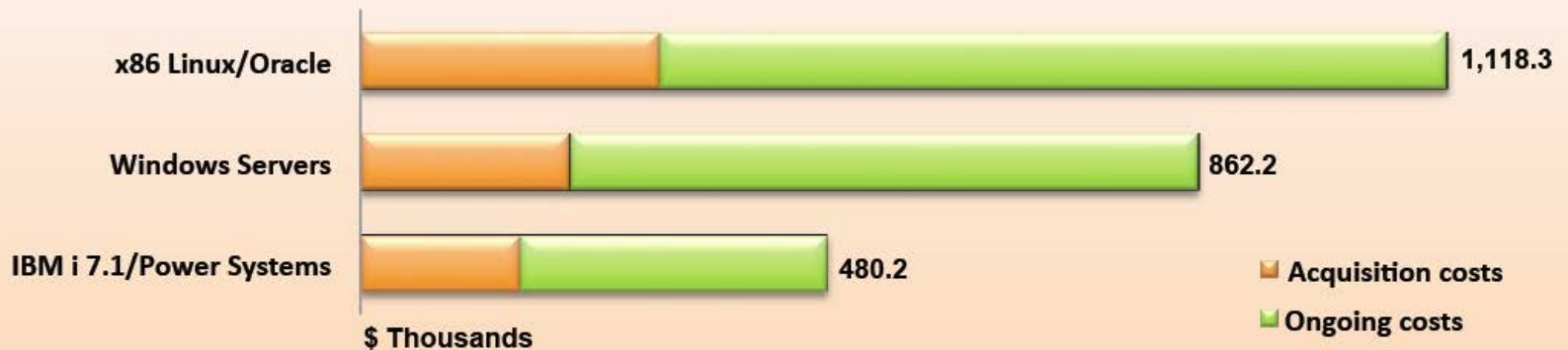


Figure 2: Three-year Acquisition and Ongoing Costs by Platform – Averages for All Installations



- The Future of IBM i
- Promoting IBM i
- Justifying IBM i