

**Power
Week**

Université IBM i 2019



22 et 23 mai

IBM Client Center Paris

Session plénière J2

Jeudi 23 mai – 09:00 / 10:30



 **Univ_IBMi**
Mot de passe : **ibmi2019**

 #ibmi #uui2019

Philippe Bourgeois

IBM

Consultant IBM i



Accueil et introduction

Philippe Bourgeois

IBM

Consultant IBM i



Accueil et introduction

Hier...

- 1. IBM i pour les innovateurs par les innovateurs**
- 2. Modernisation de l'infrastructure**
- 3. Modernisation des applications**
- 4. Exposition "La lune" au Grand-Palais**

Aujourd'hui

- 09h10 **1. L'innovation par l'IA – Cas d'usage**
- 09h30 **2. IBM i : les réponses aux questions des dirigeants**
- 09h55 **3. Formation, ressources et compétences**
- 10h15 **4. Le club utilisateurs COMMON France**
- 10h25 **5. Quelques messages**

Agenda de la plénière du jeudi 23 mai

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Vincent Perrin

IBM France

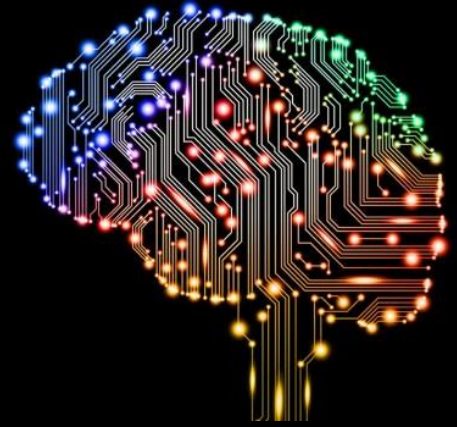
Watson AI Technical Leader



L'innovation par l'IA – Cas d'usage

Innovation par l'IA

Cas d'usage





Vincent Perrin

Responsable Technique des offres
d'Intelligence Artificielle IBM Watson

@vperrin

L'IA commence à imprégner tous les secteurs d'activité



Government

Campaign Content and Planning, Citizen Experience, Public Security, Policy Planning Support



Healthcare

Personalized Healthcare, Diagnostic Tools, Integrated Wellness and Health Systems, Behavior Tracking, Security



Finance

High Frequency Trading, Risk Modeling, Equity Research, Asset Mgmt, Underwriting, Investment Planning, Security



Education

Personalized Education, Learning Content Indexing-to-Skill & Search, Custom Teaching Methods, Smart View Devices



Agriculture

UAV / Satellite Crop Field Analysis, Disease Recognition, Comprehensive Strategic Crop Planning



Science

Data Analysis, Experiments, Predictive Modeling, Theorem Proving, Deductive Reasoning, Experiment Planning



Energy

Strategic Oil Drilling, Risk Minimization, Geological Analysis, Demand Prediction, Adjustment of Resource Generation



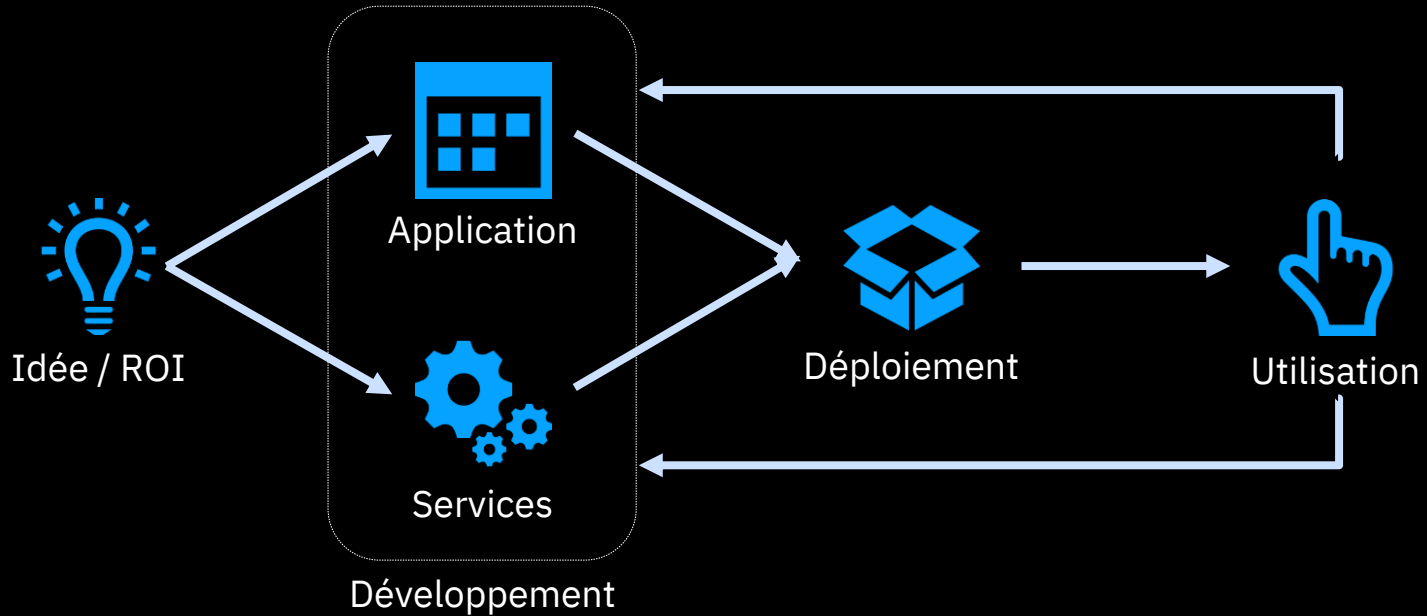
Business Solutions

Interactive Chatbots that Learn from Experience with Customers, Regulatory Support, Prediction, Marketing

“Nous allons déployer de l'IA dans 100% des lignes de métiers de la banque”

Nicolas Théry PDG du Crédit Mutuel.

Cycle de vie d'une solution IA



Retail & IA

- Améliorer l'expérience client
- Augmenter le taux de conversion
- Optimiser les stocks, la supply chain et les processus de production
- Analyser les comportements de clients
- ...



Suivi de parcours Client



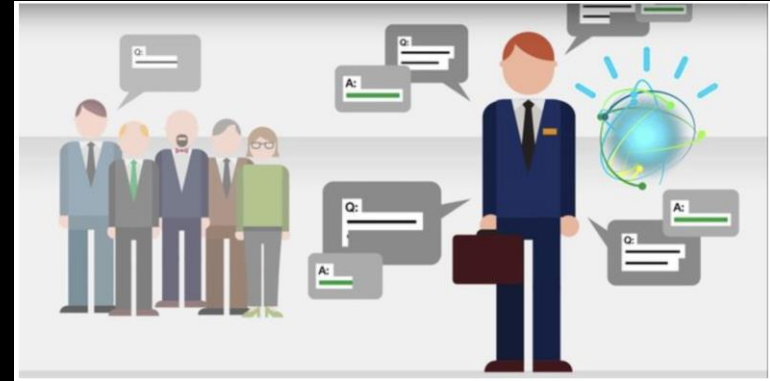
Assistance aux clients



Interaction vocale

Secteur financier

- Digitalisation de la relation client
- Analyse automatique des flux
- Automatisation des actes de gestion
- Tarification et gestion des risques
- Lutte contre la fraude et blanchiment
- KYC
- ...



« Les chargés de clientèle bénéficieront d'une part d'une aide à l'analyse de courrier afin de faciliter le traitement de 350.000 courriels de clients reçus **chaque jour** »

Crédit Mutuel

« Digitalisation de l'interaction avec interface humaine digitale »

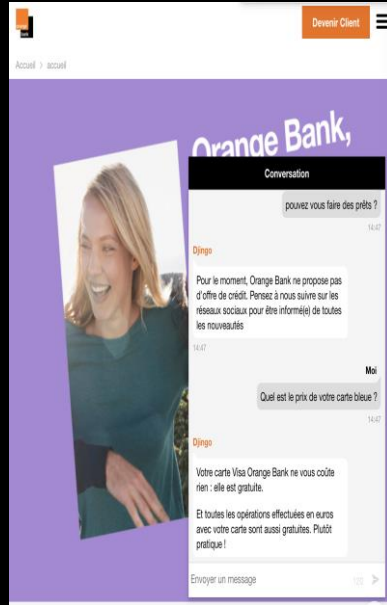
Royal Bank of Scotland

Relation Client

Ask Mercedes



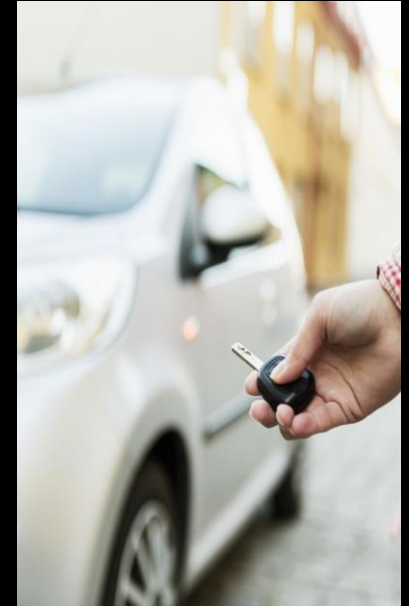
Orange Bank



MACIF

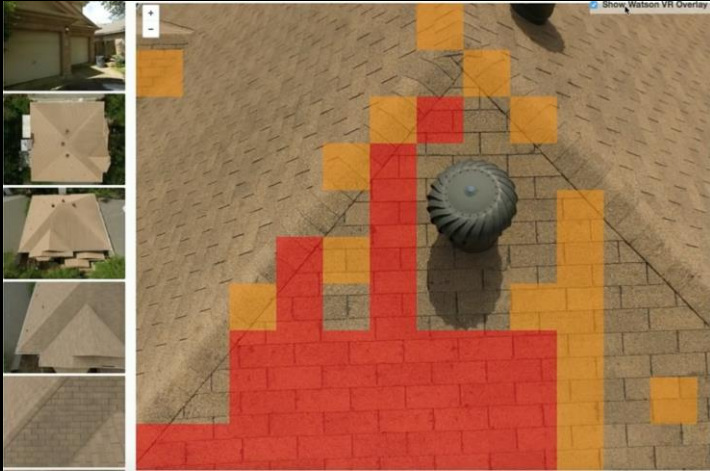


AutoGlass (Belron)



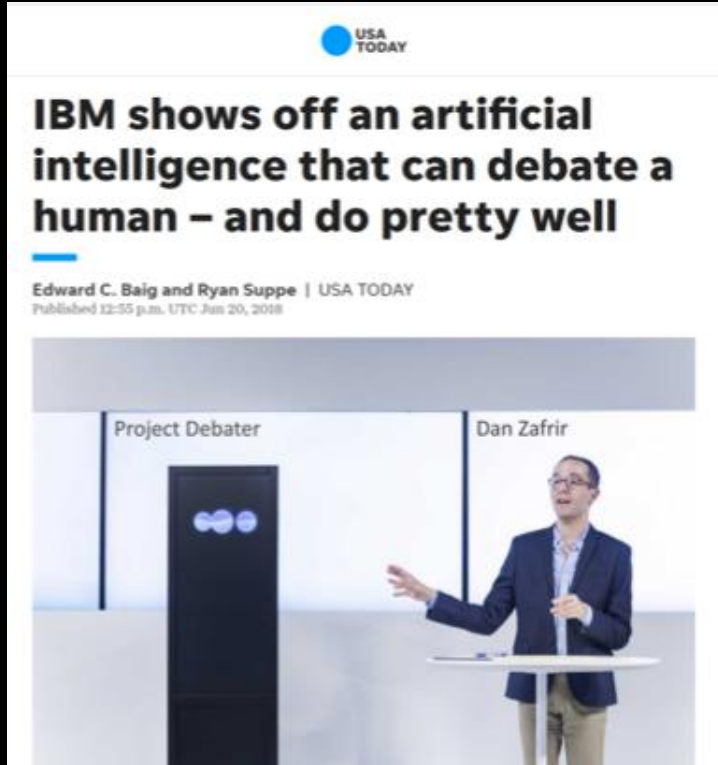
Secteur Industrie

- **Maintenance prédictive**
- **Inspection visuelle**
- **Gestion de la connaissance**
- ...



Analyse les besoins de maintenance et prédit les pannes - Kone

2019 - IBM Project Debater



“AI is not magic”

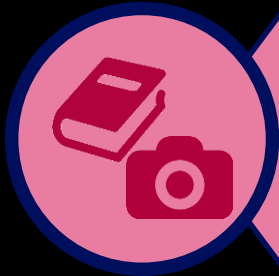


L'intelligence artificielle et ses impacts sur les projets



Les données venant de l'utilisation fournissent les données pour la construction:

Les silos BUILD-RUN s'estompent



L'apprentissage repose sur la manipulation de données « **Naturelles** »

Les silos MOA-MOE s'estompent

MERCI

IA – Pour en savoir plus

■ 5 sessions dédiées

- S04 - PowerAI, Watson et IBM i - Partie 1 - Cas d'usage et solutions
 - S12 - PowerAI, Watson et IBM i - Partie 2 – Démonstration
 - S21 - IA, ERP, IBM i et Watson : le quatuor gagnant
-
- S29 - Préparez vos données DB2 for i pour l'IA et Watson
 - S42 - Intégrez la reconnaissance visuelle à vos applications IBM i

Me
22

Je
23

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Steve Will

IBM

IBM i Chief Architect



**Answering Executive Questions
about IBM i**



Triggering Events



- New Leadership
- Periodic Due Diligence
- Growth or Merger/Acquisition
- "Hot" Technology
- Staffing Needs



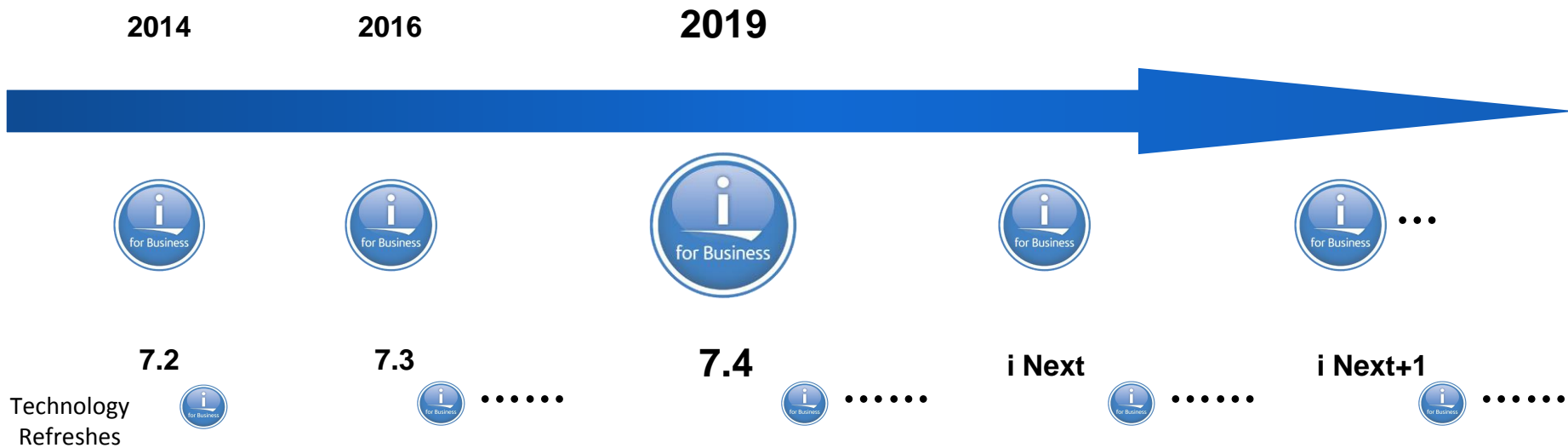
Questions Answered in the (full) Presentation

- Is IBM committed to IBM i?
- How does IBM i compare to the competition?
- Are Other Customers Using IBM i?
- What About IBM i Staffing Needs?
- Is IBM i Keeping Up to Date?
- Where can I get more information about IBM i?

Is IBM Committed to the Future of IBM i?



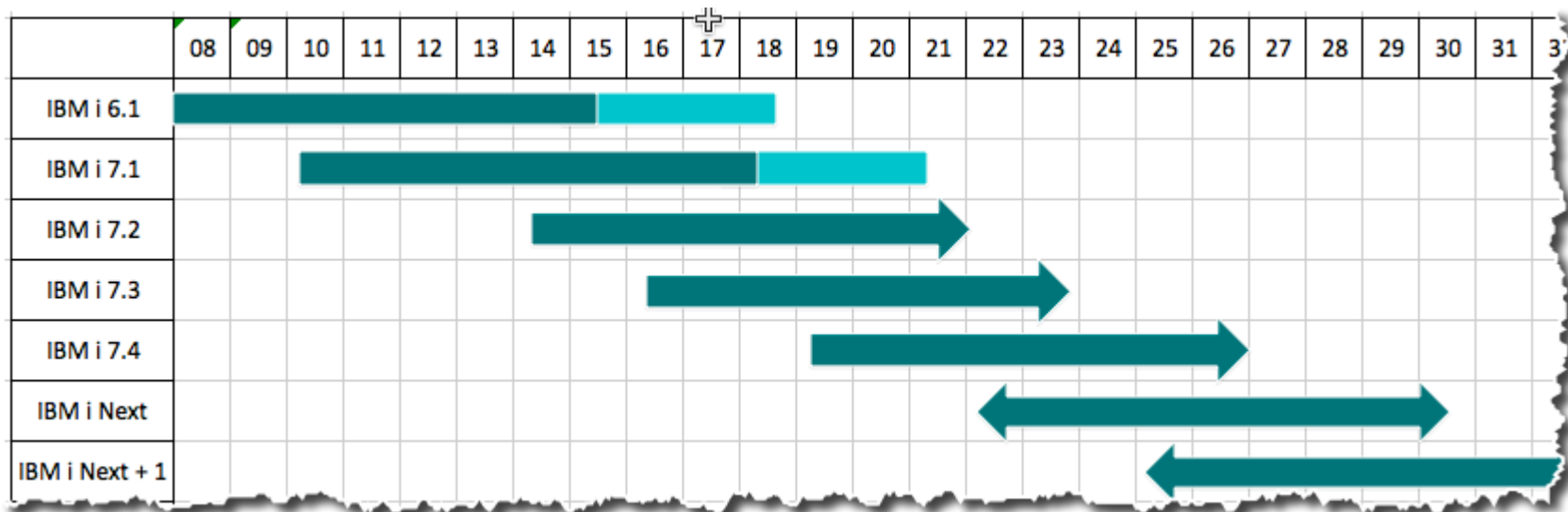
IBM i Roadmap



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

** Arrows indicate "ongoing status" and do not imply any specific dates.

IBM i Support Roadmap



** All statements regarding IBM's future direction and intent are subject to change or withdrawal without notice, and represent goals and objectives only.
 ** Arrows indicate "ongoing status" and do not imply any specific dates.



The graphic is split into two vertical panels. The left panel has a light gray background with a network of blue nodes and lines. In the center, the word "thirty" is written in a blue, lowercase, sans-serif font, with a blue arc above it. Below "thirty", the word "years" is written in a smaller, blue, lowercase, sans-serif font, with a blue arc below it. The right panel has a dark blue background with a similar network pattern. It features the text "30 years of innovation and we're just getting started" in a white, italicized, sans-serif font. At the bottom of this panel, the IBM logo is displayed in white.

thirty
years

*30 years of
innovation
and we're just
getting started*

IBM



IBM i 7.4

IBM i

A platform for innovators, by innovators

An executive guide to the strategy and roadmap for the
IBM i integrated operating environment for Power Systems.

Fully updated for IBM i 7.4 and Db2 Mirror for i

IBM i strategy and roadmap

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

[Download the full report](#)

IBM I: The Most Amazing IBM Product You've Never Heard Of

By: Rob Enderle | February 13, 2019



NEW PRODUCT ANALYSIS: The IBM I platform (the second "I" stands for Integrated) is converged packaged software platform that evolved out of that legendary AS400, and it is even more amazing.



SAN FRANCISCO--Occasionally, I run into a product that just has me sitting back wondering if I stepped into some kind of alternative universe. One of the first products that gave me this impression was the old AS400 from IBM. It was kind of like if you took an Abrams Tank and created a server with similar survivability. The stories of these things were legendary.

One system was on the top floor of a four-story building that was demolished, literally flattened, by a tornado and after falling those four stories, being buried by rubble and rained on, they only needed to dry it out to bring it

Fresh Faces in IBM i Development



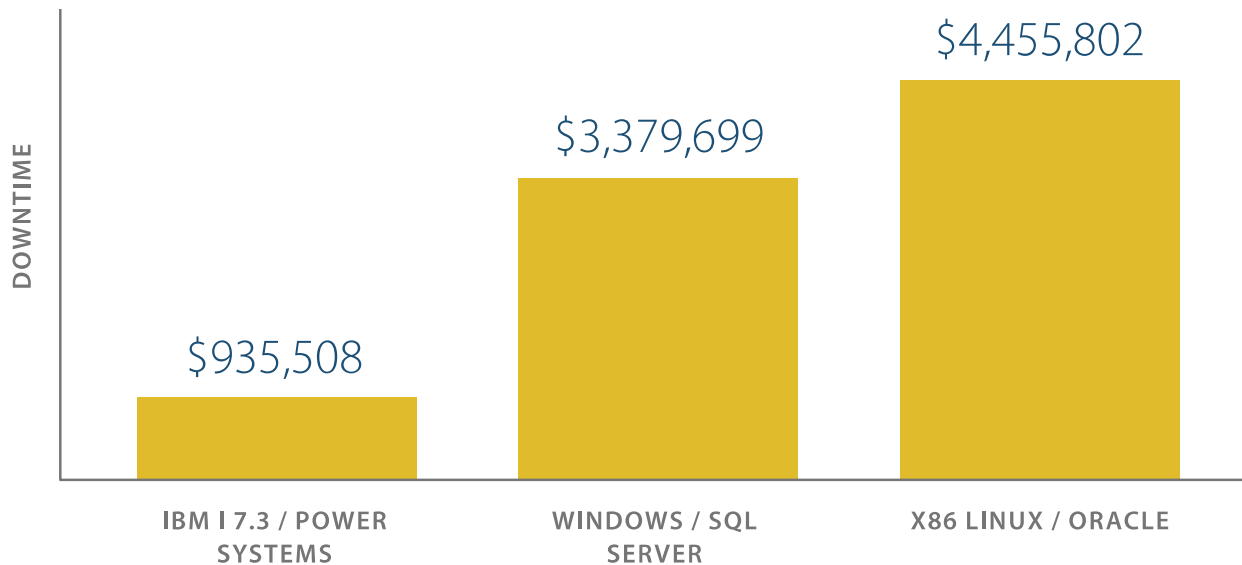
<http://ibmsystemsmag.com/blogs/you-and-i/august-2018/fresh-faces-in-ibm-i-development/>

How does IBM i compare to the
Competition?





Downtime is an Expense – IBM i Excels at Uptime



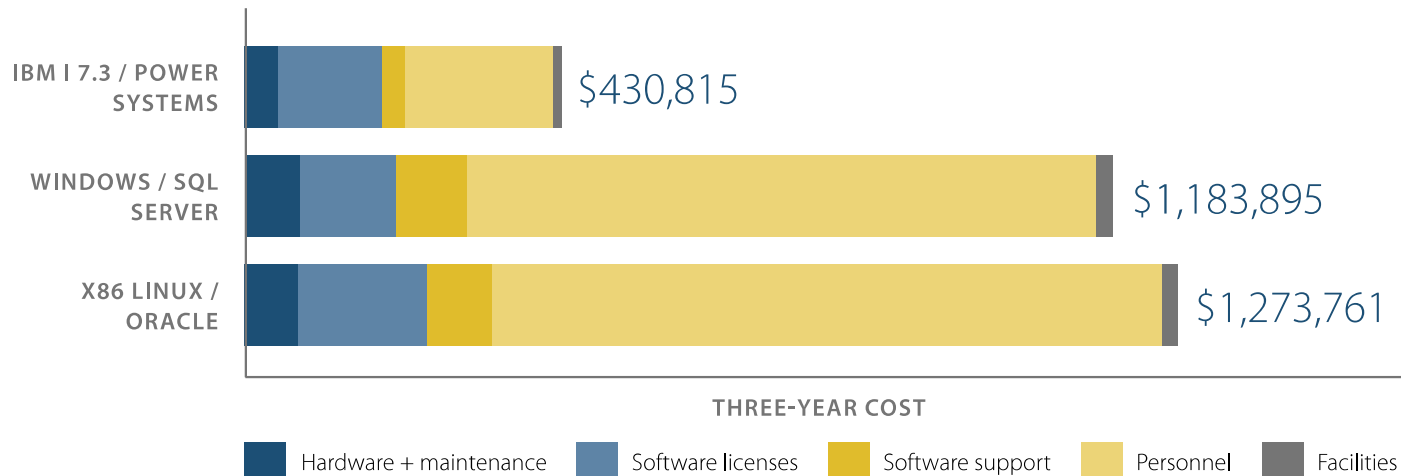
SOURCE: Quark + Lepton, IBM i on Power Systems for Midsize Businesses, May 2017

3 - 4X more reliable





Total Cost of Ownership – IBM i Staff Do More



SOURCE: Quark + Lepton, IBM i on Power Systems for Midsize Businesses, May 2017

60+% Lower Total Cost of Ownership

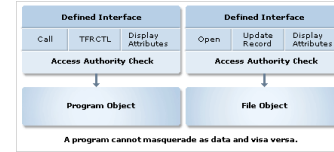


DB2 for i & Single Level Store



Automate & optimize storage management

Object Based Architecture



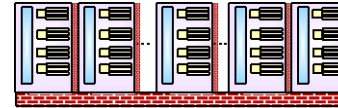
Enables integrity, security, virus-resistance

Integration



Integrates business components, e.g. DB2 database

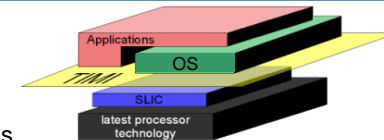
Virtualized Work Management



Provides built-in application virtualization

Technology Independent Machine Interface

Ensures application compatibility across multiple technology generations



A system designed for business

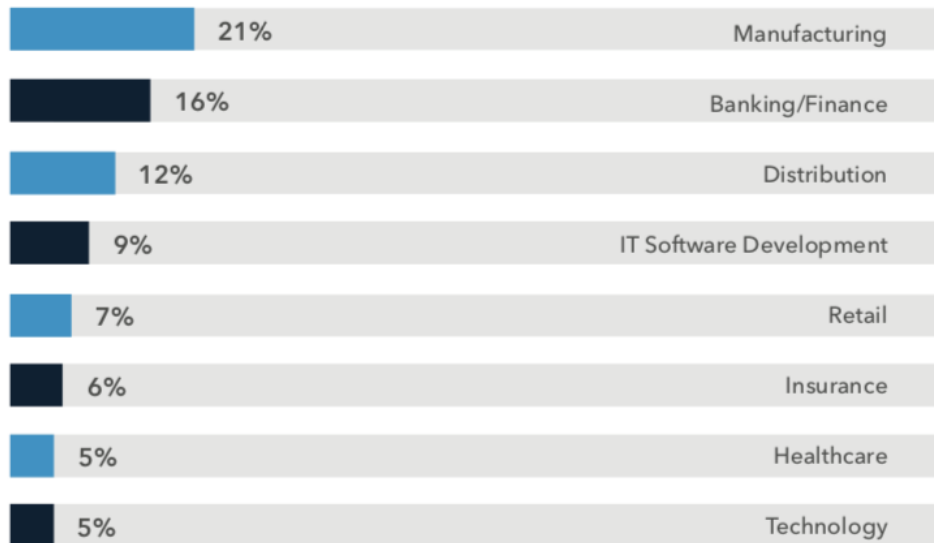
Are Other Customers Using
IBM i?



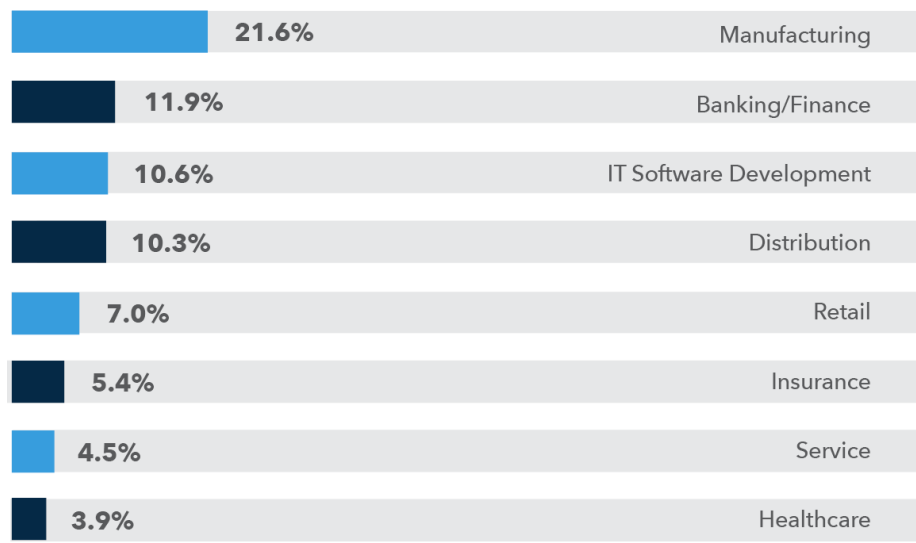
Diversity in Primary Industry on IBM i



2018



2017



<https://www.helpsystems.com/resources/guides/2017-ibm-i-marketplace-survey-results>

IBM i Customer Stories

For over thirty years, IBM i has supported thousands of customers worldwide and continues to be the backbone of their infrastructure into the future. Read why customers are continuing to choose IBM i as their platform of choice.



See innovation at work in the IBM i community

<https://www.ibm.com/it-infrastructure/us-en/resources/power/ibm-i-customer-stories/>

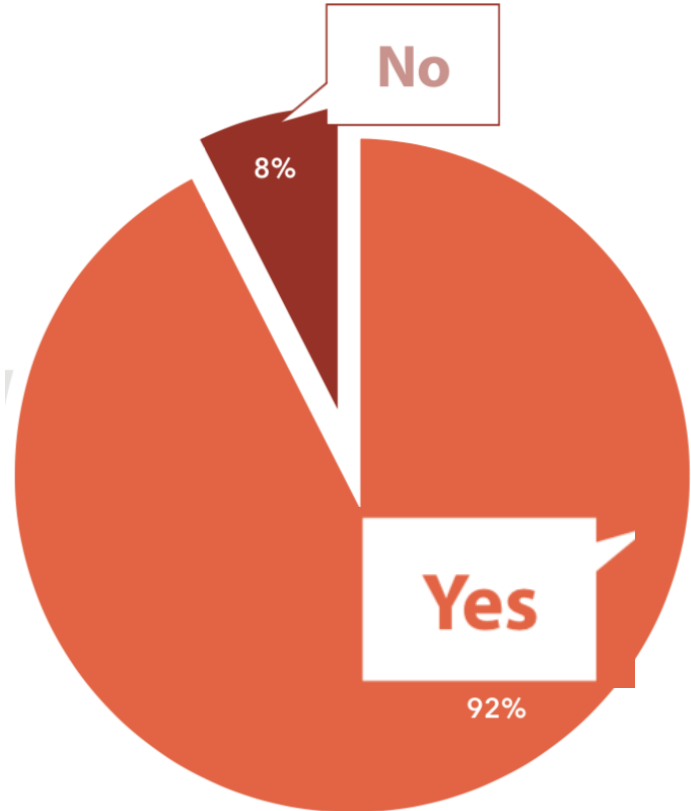
IBM i Clients - Stories of Innovation



Do you believe your IBM i server gives you a better ROI than other servers?



**IBM i customers
Better ROI?
Yes: 92 %**

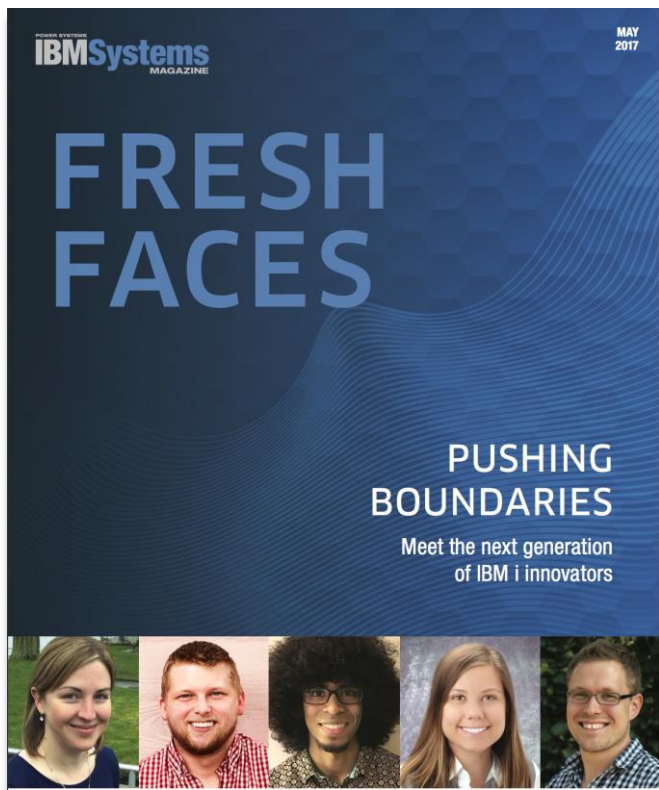


<https://www.helpsystems.com/resources/guides/2017-ibm-i-marketplace-survey-results>

What About IBM i Staffing Needs?



Fresh Faces of Power



Is IBM i Keeping Up to Date?



The latest IBM i features



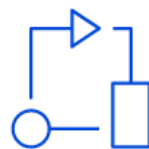
Availability

- IBM Db2 mirror provides continuous availability
- Near zero downtime
- Get work done 24 hours a day, 7 days a week, 365 days a year



Security

- Enhanced security features implement latest industry standard practices
- Protect critical business applications and data
- New auditing capability at the Object level

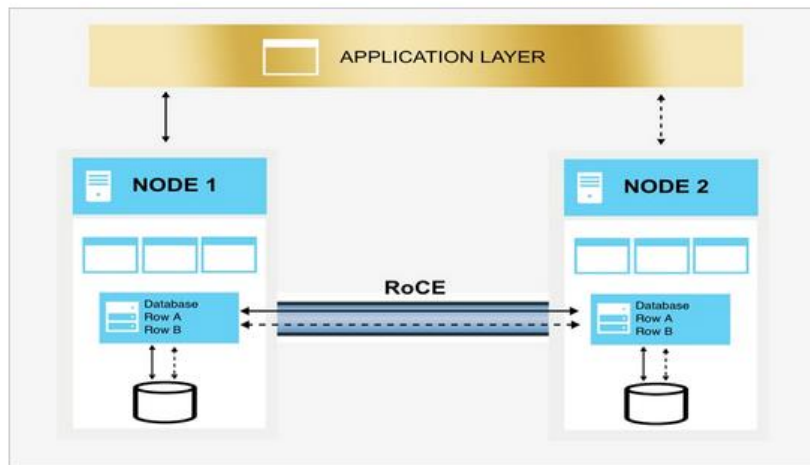


Open Source

- Industry standard Open Source environments
- Port more applications to IBM i
- Easily integrate with IoT, AI and Watson

Continuous availability for Db2 for i

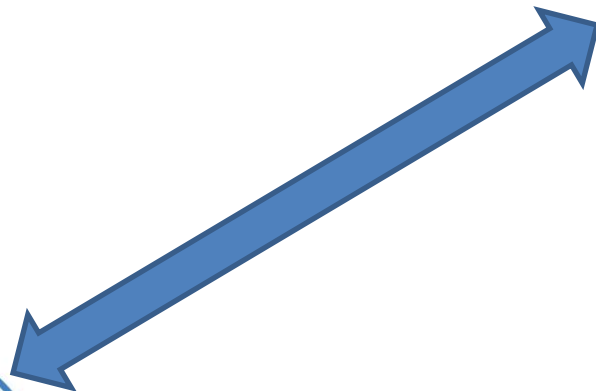
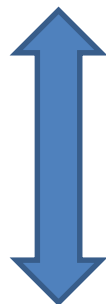
IBM Db2 Mirror for i enables continuous availability for your mission-critical applications. It provides a Recovery Time Objective (RTO) of zero. Db2 Mirror for i synchronously mirrors database updates between two separate nodes via remote direct memory access (RDMA) over Converged Ethernet (RoCE) network. Applications can be deployed in an active-active or active-passive (with read access on the secondary) mode.



IBM i & Watson



IBM Cloud





IBM POWER9 on IBM Cloud: More Choice and Flexibility, On- Premise and Off



<https://www.ibm.com/blogs/bluemix/2019/02/ibm-power9-on-ibm-cloud/>

Where can I get more
information about IBM i?



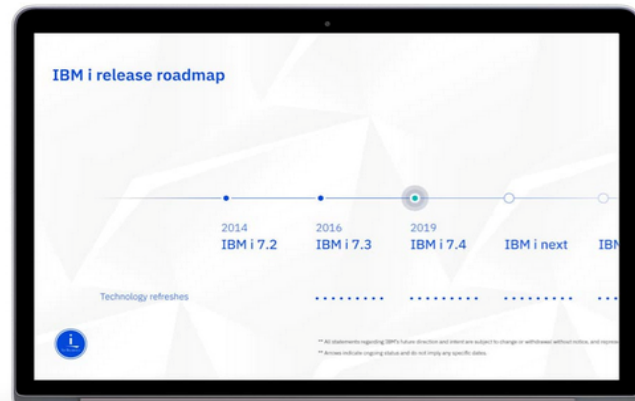
IBM i: A platform for innovators, by innovators

IBM i never stops innovating with new features so that you never have to stop innovating your organization.

[Overview](#)[Technologies](#)

IBM i 7.4 is here

The latest update to IBM i has arrived. With IBM i 7.4, you'll get continuous availability (thanks to IBM Db2 Mirror for i), the latest security features, and easy integration with IoT, AI and Watson. To find out more, read the blog post from Steve Will, Chief Architect for IBM i.

[Read the blog](#)ibm.com/systems/power/software/ihttp://bit.ly/ibm_i_home

Read what the innovators are saying

You and i – IBM i Trends and Strategies

Get the latest news and innovations in IBM i straight from Steve Will, Chief Architect for IBM i, and learn more about the strategy and planning related to the operating system and its associated products and solutions.

 [Read the blog](#)

Db2 Web Query for i

Get illuminating information and guidance on all aspects of the DB2 Web Query product set and the use of Db2 for i for analytics, straight from Doug Mack, leader of the Analytics team within the Db2 for i Lab Services group.

 [Read the blog to learn more](#)

Wijnen Van Maele

See how the family-owned wine merchant uses a cloud-based version of IBM i running on IBM Power Systems to boost revenues, better reach B2C customers, and utilize blockchain to meet B2B requirements.

 [Read the case study](#)

The Power of IBM i

Every day, IT pros around the world are using IBM Power Systems to drive innovation, and many of them are running IBM i. Take an immersive, whirlwind tour of the globe and find out how Power and IBM i bring big ideas to life for businesses like yours world-wide.

[Experience POWER at work](#)



ibm.com/systems/power/software/i



Fresh faces of IBM i

Meet the next generation of IBM i innovators who push the boundaries of what is possible with IBM Power Systems.

Read about it in the IBM Systems Magazine



Lynell C. Constantine

Applications Developer
Credentials Solutions



Christian Kaddatz

Software Developer
Tradui Technologies GmbH



Valerie Smith

Systems Engineer
University of Pittsburgh Medical

Contact IBM





User groups for IBM i



Connect with fellow members who are interested in IBM Power Systems. Great educational and networking opportunities to enhance your career and build great relationships within the IBM i community.

[➔ Learn more about COMMON](#)



Interested in learning about IBM's plans and future directions for IBM i? Join the Large User Group (LUG) of over one hundred large companies to get the latest scoop. Meet with other LUG members and work directly with the IBM i development team.

[➔ Learn more about LUG](#)



Get engaged with the European IBM Power Systems community! Learn more about the latest architecture and new solutions all while connecting with fellow members.

[➔ Learn more about COMMON Europe](#)

Contact IBM



Twitter



The screenshot displays the Twitter TweetDeck interface in a browser window. The browser's address bar shows the URL <https://tweetdeck.twitter.com>. The interface is divided into three vertical columns:

- Column 1 (Home @Steve_Will_IBMi):** Contains a tweet from Kevin Adler (@kadler_ibm) about a PASE presentation, a promotional tweet from IBMSystemsMagazine (@IB...) for COMMONS17, and a large banner for the 2017 ANNUAL MEETING AND EXPOS AT UNIVERSAL OR.
- Column 2 (#IBMi):** Filtered tweets including: IT Jungle (@ITJungleNews) about IBMi authorities; Patrice GAILLOT (@GAILLO...) about IBM i Security Tips; and Craig Johnson (@CraigJohnso...) about a live recording of a Power Talk Podcast.
- Column 3 (#ibmiOSS):** Tweets including: Alan Seiden (@alanseiden) about a GitHub page for Python; and Aaron Bartell (@aaronbartell) about entering the dialog and collaborating on ILE OSS.

IBM i Team on Social Media



i Can Develop

« i Can ... Use Client Special Registers | Main

October 20, 2009

i Can ... Investigate Performance Data

<http://www.ibmssystemsmag.com/Blogs/i-Can/>

enhancements to the Performance Data Investigator. If you're

Blogger

Mike Cain



<http://db2fori.blogspot.com/>

About me

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 guiding, educating and supporting clients who want to get the most out of DB2 for IBM i. He specializes in SQL query performance and scalability, as well as very large database, business intelligence and analytics within the IBM i

You and i

11/09/2009

What is This \".1\" Anyway?

<http://www.ibmssystemsmag.com/Blogs/You-and-i/>

group, and I'm only now recovering from the jet lag

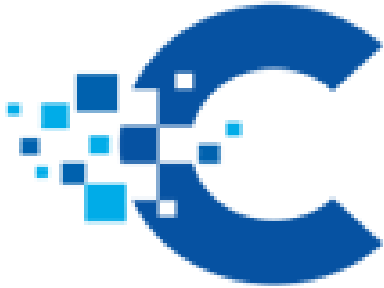


[#ibmi](#)
[@Steve_Will_IBMi](#)
[@DawnMayiCan](#)
[@SAPonIBMi](#)
[@Forstie_IBMi](#)
[@IBMJesseG](#)
[@kadler_ibm](#)
[@IBMPowerSystems](#)

Another Excellent Starting Point



CEC 2019



**Radisson Blu Hotel
Berlin, Germany**

**Common Europe
Congress**

16-19 June Berlin Germany

Lessons Learned

at Université IBM i



IBM i in Your Business







Data from **your** business is critical!

- Amount of business run by IBM i
- Staffing Requirements
- Business results influenced or proven
- IT/IBM i's place in company strategy



**CAN'T
DO IT**



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Philippe Bourgeois

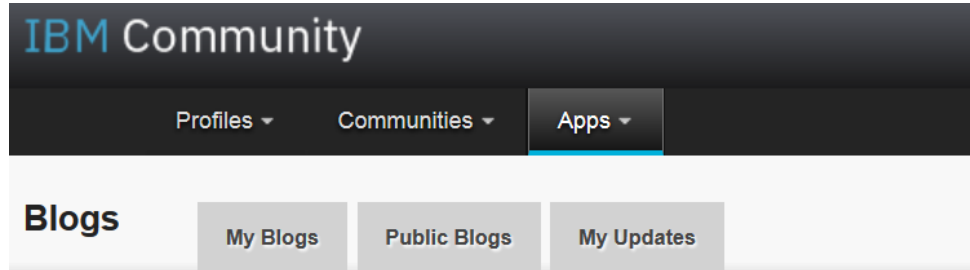
IBM

Consultant IBM i




**Formation, ressources et
compétences**




Les IBM Power Systems Champions 2019 en France



IBM Champion Program News and Views

Congratulations to the 2019 IBM Champions

[LibbyIng](#) | [Jan 16](#) | [Comments \(9\)](#) | [Visits \(49524\)](#)  8

- Christian Massé  VOLUBIS
DEVENEZ UN EXPERT
- Nathanaël Bonnet  GAIA
- Bastien Boudot de la Motte  SCC

Les Fresh Faces of Power Systems en France

Fresh faces of Power Systems

Meet the next generation of innovators who push the boundaries of what is possible with IBM Power Systems.



Florian Gradot

KUHN



Clément Barrère

CILASOFT

Pour vous former sur IBM i – IBM Lab Services

■ Workshops IBM Lab Services

- Workshops **planifiés** à IBM Bois-Colombes
 - 1^{er} semestre : Analyse des performances système (du 26 au 28 mars)
 - 2nd semestre : **Analyse des performances DB2** (octobre-novembre)
- Workshops sur **site client**
 - Personnalisés et à la carte
 - SQL, SQL avancé, RPG Free, RDi, Services Web, nouveautés V7...
 - Roadmap, stratégies de modernisation, évolutions IBM i...
- **Gratuit** si vous disposez de **vouchers**
- Pour en savoir plus : Philippe Bourgeois – pbourgeois@fr.ibm.com

Pour vous former sur IBM i – Les vouchers

■ Les vouchers IBM i

- Des vouchers sont inclus avec la majorité des serveurs IBM Power Systems
 - Vous y avez droit si vous avez acheté un système ces 4 dernières années
 - Pour connaître votre **éligibilité** : pbourgeois@fr.ibm.com avec le **Serial Number**
- Valables pour des prestations de type **Service** ou **Education**
 - Sur site ou en remote
- Possibilité d'utiliser ces vouchers pour suivre les workshops IBM i

Les assets IBM Lab Services

- **Assets IBM i** : ce sont des **outils** accompagnés d'**offres de service**
- **Sécurité**
 - Outils d'audit, d'évaluation de conformité et de monitoring d'événements
 - Outil de reporting Syslog (événements IBM i SIEM)
 - Outil de synchronisation / validation de mots de passe, etc.
- **Performances**
 - Outil iDoctor Job Watcher (collecte et visualisation de données de performance)
- **PowerHA**
 - Toolkits Flashcopy (IASP, Full System)
 - Toolkit réplication Metro/Global Mirror Full System
- Pour en savoir plus :
 - ibm.biz/assets_IBM_Lab_Services
 - Béatrice Luquet : beatrice.luquet@fr.ibm.com

Autres structures IBM

- **IBM Services**
 - Installation, migration
 - Projets de développement, modernisation et TMA IBM i
 - Offres de Services Managés (IBM Cloud Managed Services for IBM i)
- **Point Services IBM i**
 - Support client
 - www.ibm.com/support/servicerequest
- **IBM Client Center** de Montpellier
 - Conseil, architecture, avant-ventes, benchmarks, Lab Services Europe...

Pour vous former sur IBM i – Organismes de formation

- Les **GTP** (Global Training Partner) **IBM**



- Les autres partenaires **organismes de formation**



Pour vous auto-former sur IBM i - iWeekly

- **Podcasts**, d'une trentaine de minutes, 2 fois par mois :

- Episode 1 Introduction
- Episode 2 IBM i: what is it?
- Episode 3 Open Source Software on IBM i
- Episode 4 DB2 for i
- Episode 5 IBM i Infrastructure
- Episode 6 ILE RPG

6 mai 2019



Pour vous auto-former sur IBM Power – Webinars

- **IBM Power Systems Technical Webinar Series** – 1 webinar par mois
 - Session 86 **DB2 Mirror Revealed**
 - Session 85 How ICP & CAM can deliver multicloud solutions for containers and VM
 - Session 84 Unleash the Power of AIX and how to win with AIX in the era of cloud, containers and AI
 - Session 83 **The Wide World of Open Source with IBM i**
 - Session 82 njmon =nmon+JSON+real-time+graphs
 - Session 81 **How to do AI, IoT and ML with IBM i**
 - Session 80 Upgrading to VIOS 3.1 in Action
 - Session 79 POWER9 Performance Review

Le renouvellement des compétences IBM i – Pépinière i

- La **Pépinière IBM i** du partenaire **OCSI**
 - Des jeunes diplômés formés pendant 3 mois au développement **RPG** et **Web** sous IBM i
 - Disponibles ensuite en prestation ou en pré-embauche
 - Plus de 70 jeunes formés depuis 2015
 - **Nouvelle promotion en mai-juillet 2019**
 - Intéressés ? → contact@ocsigroup.fr



build&run digital fori services TENOR waas



La Pépinière IBM i OCSI

- Les 13 jeunes de la promotion en cours sont disponibles pour des entretiens
- Salles Odéon et Châtelet



La Pépinière IBM i OCSI

Génération IBM i

I ♥ IBM i

« Grâce à l'IBM i,
je ne suis plus
sur la SELECT ! »

Stéphane

fori

A portrait of Stéphane, a young man with short dark hair, wearing a dark grey long-sleeved shirt. He is standing with his hands behind his back, looking directly at the camera.

Génération IBM i

I ♥ IBM i

« IBM i, la nouvelle
génération
est en marche ! »

Diane

fori

A portrait of Diane, a woman with long brown hair, wearing a light-colored short-sleeved top with a small pattern. She is smiling slightly and looking towards the camera.

Le renouvellement des compétences IBM i - iAcademy



- Des ressources que vous embauchez ou que vous désirez faire monter en compétences
- Deux **parcours** :
 - iFundamental
 - iAdvanced
- Deux **filières** :
 - Développeur RPG
 - Administrateur système
- Des apprentissages théoriques complétés par de l'immersion, des soft skills...

Le renouvellement des compétences IBM i - iAcademy

iFUNDAMENTAL

Développeur RPG

Formation théorique

- Fonctions de base IBM i
- Base de données DB2
- Langage SQL
- Fichiers écran
- CL
- RPG III, RPG IV, RPG Free
- XML, JSON
- Services Web

1 à 2 mois



Immersion

Quelques semaines • Chez IBM ou un partenaire IBM

Coaching et Soft Skills

3 à 5 jours • Travailler en équipe, gérer un projet...

Expérience inédite

3 à 5 jours

- IBM Systems Technical University
OU
- IBM i on Power Systems Workshops

Le renouvellement des compétences IBM i - iAcademy

iADVANCED

Développeur RPG

Formation théorique

1 à 2 mois – Modules au choix

- Performances DB2
- Modernisation applicative
- ALM - DevOps
- Sécurité - Audit
- DB2 Web Query
- AGL
- Open Source
- IA



Immersion

Quelques semaines • Chez IBM ou un partenaire IBM

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Le renouvellement des compétences IBM i - iAcademy

iFUNDAMENTAL

Administrateur système

Formation théorique

1 à 2 mois

- Fonctions de base IBM i
- Exploitation système
- Base de données DB2
- CL
- Virtualisation - HMC
- Sécurité
- Réseau
- Maintenance



Immersion

Quelques semaines • Chez IBM ou un partenaire IBM

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Expérience inédite

3 à 5 jours • IBM Systems Technical University
OU
• IBM i on Power Systems Workshops

Certification

1 jour IBM Certified System Administrator

Le renouvellement des compétences IBM i - iAcademy

iADVANCED

Administrateur système

Formation théorique

1 à 2 mois – Modules aux choix

- Performances système
- BRMS
- Administration DB2
- Stockage externe
- Haute disponibilité
- PowerHA, clustering, IASP
- Automatisation
- Migration



Immersion

Quelques semaines • Chez IBM ou un partenaire IBM

Coaching et Soft Skills

3 à 5 jours • Travailler en équipe, gérer un projet...

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1 jour IBM Certified System Administrator

Le renouvellement des compétences IBM i - iAcademy

- Un questionnaire est en ligne pour recueillir vos besoins :
ibm.biz/survey_iAcademy

IBM – Projet iACADEMY : montée en compétences de ressources sur la plateforme IBM i

Introduction

Pour faire face à la pénurie de ressources IBM i (iSeries, AS/400), une **Pépinière IBM i** existe aujourd'hui : des jeunes diplômés BAC+5 de culture scientifique, formés pendant 3 mois au développement RPG et Web sous IBM i, sont à disposition en **prestation** ou en **pré-embauche**, via notre partenaire **OCSI** (contact@ocsigroup.fr).

IBM, grâce à l'*IBM France Academy*, lance une nouvelle initiative intitulée **iACADEMY**, complémentaire à la Pépinière. L'objectif de cette iACADEMY est de permettre la **montée en compétences** de ressources sur le i, avec 2 parcours (**iFUNDAMENTAL** : formation initiale et **iADVANCED** : formation avancée), d'une durée de 1 à 3 mois, qui reposerait sur 3 axes :

- Une formation technique à l'IBM i (théorie + travaux pratiques)
- Des *soft skills* et du coaching
- Une immersion pour éprouver les compétences nouvellement acquises

Pôle "Compétences – Club COMMON France"



Agenda de la plénière du jeudi 23 mai

- 09h10 1. L'innovation par l'IA – Cas d'usage
- 09h30 2. IBM i : les réponses aux questions des dirigeants
- 09h55 3. Formation, ressources et compétences
- 10h15 **4. Le club utilisateurs COMMON France**
- 10h25 5. Quelques messages

Nathanaël Bonnet
COMMON France
Président



Le club utilisateurs COMMON France

Power
Week

Université IBM i

22 et 23 mai 2019

IBM

common
FRANCE

MEMBER OF
common
EUROPE

COMMON FRANCE

- Nature
 - Club utilisateurs
 - Association loi 1901

- Objectifs
 - Proposer des journées techniques en France
 - Favoriser les échanges entre les membres, IBM, et l'ensemble des acteurs de l'IBM i

- Membre de Common Europe

1 an déjà !

- Nos actions
 - 25 septembre 2018 : journée technique (RPG Full Free) et AG
 - 17 janvier 2019 : POWER9
 - 11 avril 2019 : sécurité IBM i
- Nos actions à venir
 - 25 septembre 2019 : journée dédiée à la version 7.4 et AG
 - Janvier 2020
 - Avril 2020
- Toutes nos envies
 - Ponctuer les événements par des webinars, conférences virtuelles, afterworks ...
 - Événements communs avec IBM
 - Détente

Au centre de nos actions

- Promotion de l'IBM i
- Education
- Partage
- Convivialité



Où nous trouver ?

- Sur le stand Common France
- Sur internet
 - Web : www.commonfrance.fr
 - Twitter : @CommonFrance
 - LinkedIn : Common_France



common

EUROPE

What do we do?

Build the community Through Events

Congress



iTour



Webinars



Networking





Common Europe
Congress

5 Key Messages

1. Block the dates: 16-19 June, Berlin, Germany
 2. Do not miss: 7 workshops, Certifications, 106 sessions, 20+ leading exhibitors
 3. **Register now:** Early Bird member price till 26 May
 4. Radisson Blu: Book early, secure the room
 5. Flights: Book now for best rates
- Full info and registration: www.comeur.org

Advance your skills, advance your career
Join Europe's largest, most influential IBM i gathering

Common Europe Congress

16 - 19 JUNE 2019

RADISSON BLU HOTEL
BERLIN GERMANY

IBM i education, Executive day & Expo



*Register early
and save*

Visit
www.comeur.org
for more details and to register



Common Europe
Congress

COMMON EUROPE Executive Day 2019



Announcement, questionnaire and registration: <https://www.comeur.org/executeday>

Common Europe Executive Day Monday 17 June 2019

Radisson Blu, Karl-Liebknecht-Strasse 3, 10178 Berlin, Germany

Dear IT Manager,

We are very excited to invite you to the latest Common Europe initiative, the Executive Day. Please read below why your business cannot afford to miss it?

What is it all about?

The IBM i Executive Day is a new and unique European event especially for decision-makers in whose companies the IBM i platform has played a major role for many years and has contributed to the company's success over decades. It's a one-day strategy event geared towards executives and their interests. Group discussion will surround solutions around modernization, staff skills, digital transformation, open source, and other topics. These discussions among peers and then with IBM Executives will take participants, and their departments, to the next level of IT and business synergy.

Why you cannot miss to be there?

The impending generation change in the IBM i teams, the pressure from the business due to the requirements of digitization and the often poorly documented core applications create enormous pressure to act, especially in this environment. The IBM i Executive Day offers networking at the highest level with experts from the market and like-minded entrepreneurs. Here you will find answers to your urgent questions and expand your personal network.

What are our objectives?

- ✓ How you and your company benefit from the IBM i platform and avoid bad investments.
- ✓ How IBM i strategy about open source, integration and sustainability will accelerate your success.
- ✓ Guaranteed success in attracting new employees to IBM i Teams
- ✓ Strategies and methods for modernizing and opening up legacy applications.

Practical considerations -

Seating is limited to 25 and restricted to customers only. This event is independent from the rest of the Congress and is held in another area of the venue. It also includes a networking group dinner at the conclusion. Registration options include Executive Day only or a combined registration for Executive Day and the remaining Congress.

To help tailor the discussion onsite, all Executive Day participants MUST complete a questionnaire.

Announcement, questionnaire and registration: <https://www.comeur.org/executeday>

Best regards,



Heidi Schmidt
President, Common Germany



Shirang "Ranga" Deshpande
President, Common Europe

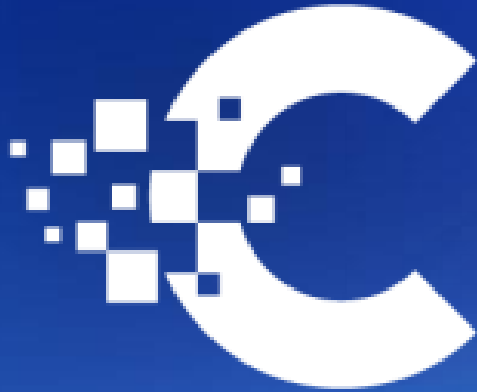
[Download Executive schedule here](#)

Questions? Reach Heidi or Ranga at: schmidt@bks.de or ranga@comeur.org

The IBM i Executive Day is a new and unique European event format especially for decision-makers in whose companies the IBM i platform has played a major role for many years and has contributed to the company's success over decades.

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Common Europe Congress

Common Europe Congress
14 – 17 June 2020

In collaboration with
Common France &
Common Romandie

Hosted by
IBM Client Center,
Montpellier, France

Agenda de la plénière du jeudi 23 mai

- 09h10 1. L'innovation par l'IA – Cas d'usage
- 09h30 2. IBM i : les réponses aux questions des dirigeants
- 09h55 3. Formation, ressources et compétences
- 10h15 4. Le club utilisateurs COMMON France
- 10h25 **5. Quelques messages**

Philippe Bourgeois

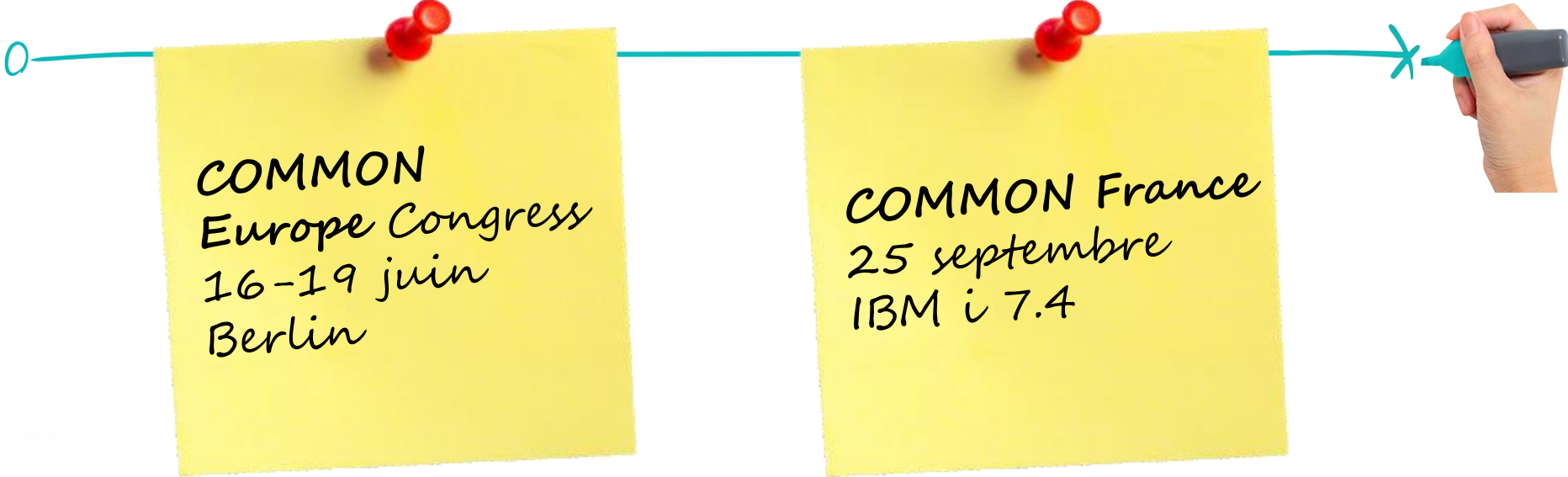
IBM

Consultant IBM i



Quelques messages

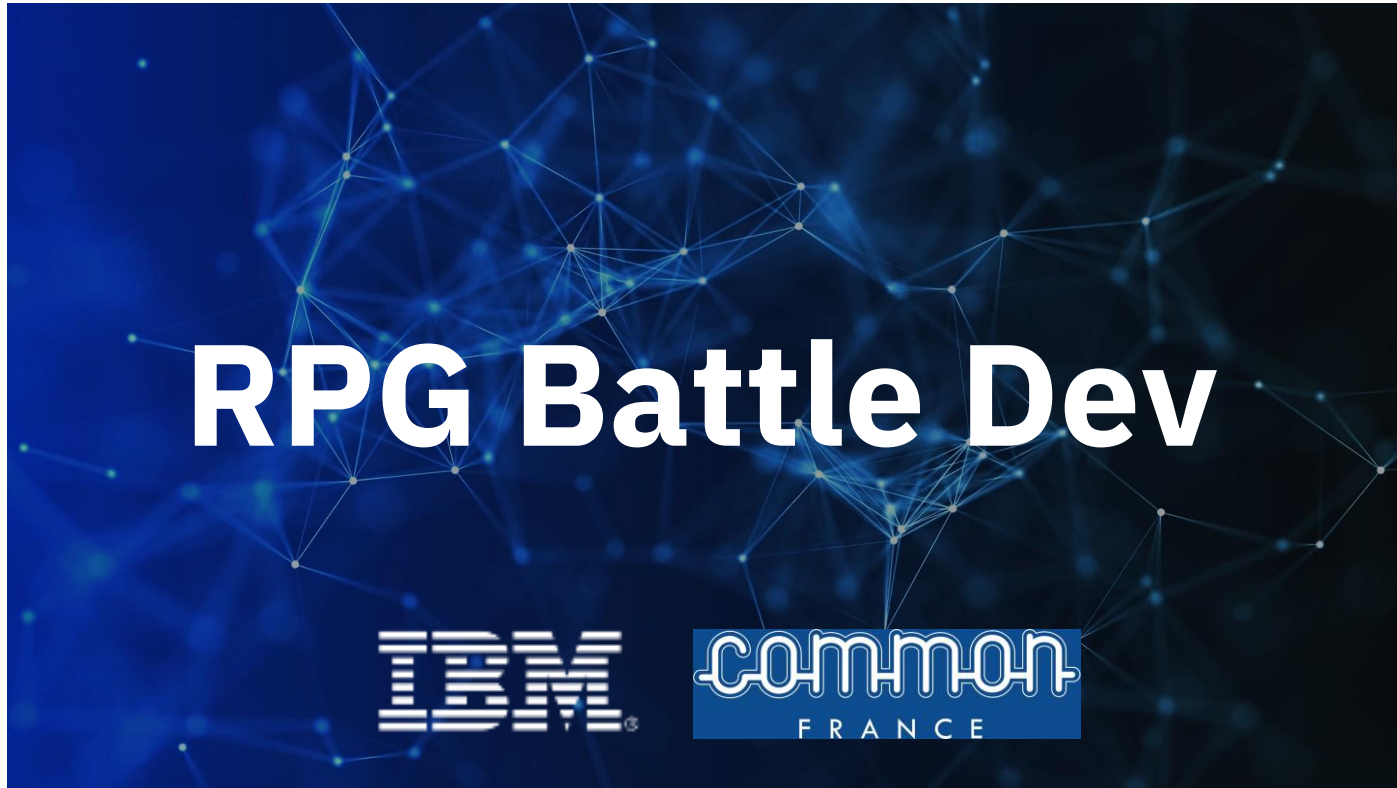
Les prochains événements IBM i à venir



COMMON
Europe Congress
16-19 juin
Berlin

COMMON France
25 septembre
IBM i 7.4

Un concours de code RPG au 2^{ème} semestre 2019 ?



Développement d'un jeu de PACMAN ?



Un jeu de SUDOKU... pour du Machine Learning ?

```

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] 9 7 3 ] 2 5 6 ] 1 8 4 ]
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Mode: topleft-botright
Invalid attempts:    145.586
Current square  :      43
Back corrections:    17.954
Resolution time  :    37sec

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Mode: topleft-botright
Invalid attempts:    231.676
Current square  :      43
Back corrections:    28.577
Resolution time  :    59sec

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] 3 5 9 ] 8 1 4 ] 6 2 7 ]
] 6 4 2 ] 9 7 3 ] 8 1 5 ]
] 1 8 7 ] 6 2 5 ] 3 4 9 ]
]-----]-----]-----]

Mode: more intelligent
Invalid attempts:    2.264
Current square  :      43
Back corrections:    253
Resolution time  :    1sec

```

Pascal Polverini – Session S29 - Préparez vos données DB2 for i pour l'IA et Watson

Package d'accueil

Université IBM i

22-23 mai 2019

IBM Client Center Paris

Univ_IBMi
Mot de passe : **ibmi2019**

ibm.biz/uii2019

#ibmi #uii2019

Power
Week



Université IBM i 2019 – Programme du jeudi 23 mai

DB2-Analytique Modernisation-DevOps IA Sécurité
Système-Performances Cloud-Infra-HW-Stockage Cross

08:30	Accueil café (cœur de verre)									
09:00	Session plénière (auditorium René Descartes)									
10:30	Pause café (cœur de verre)									
11:00	S25 – Opéra-Garnier Les fonctions OLAP de SQL	S26 – Louvre-Tuileries Synchronisation de données DB2 en temps réel	S27 – Descartes Nouveautés développement IBM i 2018-2019	S28 – Longchamp Modernisation applicative avec IBM Cloud Private	S29 – Rivoli Préparez vos données DB2 for i pour l'IA et Watson	S30 – Concorde Les nouvelles menaces et le défi de la réglementation RGPD	S31 – Cluny-Sorbonne Planifiez vos travaux batch avec IBM Advanced Job Scheduler	S32 – Pascal IBM i et la bonne utilisation des métriques		
12:00	Cocktail déjeuner (cœur de verre)									
13:30	S33 – Pascal La nouvelle solution DB2 Mirror for i Partie 1 : présentation	S34 – Descartes Architecture IBM i : vue d'ensemble et évolutions <i>(session en anglais)</i>	S35 – Opéra-Garnier Développer en Node.js versus PHP	S36 – Louvre-Tuileries Modernisation Full Stack sur IBM i	S37 – Rivoli Transformation, externalisation et sécurisation IBM i	S38 – Concorde Restreindre et sécuriser les fonctions d'ACS	S39 – Cluny-Sorbonne Nouveautés stockage externe pour IBM i	S40 – Longchamp Puissance, résilience et facilité d'intégration de l'IBM i dans le Cloud Hybride		
14:30	Pause café (cœur de verre)									
14:45	S41 – Pascal La nouvelle solution DB2 Mirror for i Partie 2 : démonstration	S42 – Opéra-Garnier Intégrez la reconnaissance visuelle à vos applications IBM i	S43 – Concorde Mesurez la qualité du code de vos applications RPG	S44 – Cluny-Sorbonne Développement IBM i et agilité : compatible ou pas ?	S45 – Rivoli Enjeux de cybersécurité et de conformité sur IBM i La vision d'un tiers de confiance	S46 – Longchamp La sécurité : moteur de vos échanges critiques sur IBM i Témoignage client	S47 – Louvre-Tuileries Le point sur les travaux à démarrage anticipé	S48 – Descartes Un nouveau modèle de Cloud qui facilite la migration et renforce la disponibilité IBM i		
15:45	Pause café (cœur de verre)									
16:00	S49 – Louvre-Tuileries SQL RPG Fonctions avancées	S50 – Rivoli IBM i et entrepôts de données	S51 – Cluny-Sorbonne RDI – Trucs et astuces	S52 – Opéra-Garnier CCSID, Unicode, DB2 et RPG	S53 – Pascal Sécurisez vos données sensibles grâce aux collectes de droit	S54 – Descartes IBM Navigator for i, l'interface Web "Admin Friendly" au bout des doigts	S55 – Longchamp DB2 Web Query pour les administrateurs IBM i	S56 – Concorde Nouveautés IBM Cloud Storage Solutions for i		
17:00	Cocktail de clôture (cœur de verre)									

Informations pratiques

■ WIFI



Mot de passe : **ibmi2019**

■ Descriptifs des sessions : ibm.biz/uii2019

■ Twitter



■ Les présentations seront disponibles en ligne (même URL)

Power Week Université IBM i
22-23 mai 2019

menu

Hormis les sessions S15 et S34, toutes les autres sessions sont en français.

Cliquez sur un horaire afin de visualiser les descriptifs des sessions.

- + Mercredi 22 mai 13h30 - 14h30
- + Mercredi 22 mai 14h45 - 15h45
- + Mercredi 22 mai 16h15 - 17h15
- **Jeudi 23 mai 11h00 - 12h00**
 - S25 - Les fonctions OLAP de SQL**
Marie-Elisabeth Gris (Volubis)
 - Un panorama des fonctions OLAP du langage SQL :
 - Fonctions d'agrégation versus fonctions scalaires
 - Retour sur les fonctions historiques
 - Fonctions de la clause Group By (rollup, cube, grouping sets, lstag..)
 - Fonctions de classement
 - Fonctions statistiques
 - S26 - Synchronisation de données DB2 en temps réel**
Thierry Lezaux (GAMMA SOFT)

Les ST classant de plus en plus les architectures applicatives

Cocktail déjeunatoire... et ateliers

- Nous sommes plus de 500 personnes...
... MERCI POUR VOTRE PATIENCE





Pause café

**Reprise à 11h00
(sessions)**

**Power
Week**

**Université
IBM i 2019**

Génération IBM i



« In IBM i
I trust »

Walid

The logo for 'fori' features a stylized infinity symbol in black followed by the lowercase letters 'fori' in red.

