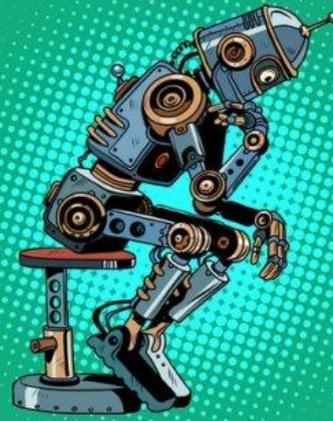# COMMON BELGIUM

5 October 2017

Power AI and Image Manipulation on IBM i

Venue: IBM Client Center, Avenue Bourgetlaan 42, 1130 Brussels
Registration:
http://www.common.be/Registration_Power_AI_and_Image_Manipulation_on_IBM_i

Speakers, bios and abstracts

Franz Bourlet

Fabian Michel

* Power AI: Artificial intelligence and cognitive solutions on IBM POWER System
* Franz Bourlet, IBM Power Systems Technical Sales
* Fabian Michel, IBM Client Technical Architect & Consulting IT Specialist

Session abstract:

Artificial intelligence and cognitive applications are the next big wave in the IT world. With its POWER-based Watson platform, IBM has been a recognized leader since the emergence of these innovative technologies. Today, POWER customers can use advanced cognitive solutions in the cloud, where they can integrate with existing IBM i environments via Watson APIs, as well as on premise, via a dedicated new software product named PowerAI.

Franz Bourlet and Fabian Michel will present these solutions in a session which will also feature demonstrations of cloud-based AI functions via Watson Services :

- How to integrate Watson Translation Services with IBM i

- Chatbot based on Watson Conversation aiming to solve password management problems in an IBM i environment.

Bio Franz Bourlet:

Franz is a Client Technical Sales Specialist for IBM POWER Systems in Belgium. He holds a master degree in German philology and one in business management. He joined IBM in 1988 and immediately specialized in POWER systems (then called AS/400), in various roles. After an experience in storage solutions, Franz came back to his roots in 2013, this time with a stronger focus on Linux and open source solutions on POWER.

Franz has over 20 years of practical experience with Linux and open source, on POWER, x86 and ARM architectures. He is both a Certified Linux Administrator and a certified POWER specialist.

Bio Fabian Michel:

Fabian is an Expert Level Certified Consulting IT Specialist. He is acting as a Client Technical Architect for IBM Systems in Belgium. He holds a Masters' degree in sciences of industrial engineering (M.Sc. Engineering) in electronics. His areas of expertise cover infrastructure solutions design, performance, virtualization, storage, and high availability. He has over 22 years of experience in the computing fields of Power Systems, IBM i, Linux, Open-Source solutions, and storage.

Fabian wrote the very first paper about Flash Systems & IBM i and he also developed the FLiP tool to predict Flash Storage impact on IBM i workloads. Both of them earned him worldwide recognition. Often sought by clients as a recognized Technology and Performance advisor, he is also a frequent speaker at customer events.

* IBM i mobile - Use your smartphone or webcam to send data to your IBM i.

* Koen Decorte, CEO, CD Invest, Belgium.

Session abstract:

Learn how you can use HTML5 to access mobile device hardware.
Geolocation (GPS), Web Audio API (audio hardware) and even camera and video hardware.
These features are very powerful, and can be integrated by high level JavaScript APIs that sit on top of the system's underlying hardware capabilities.
These JavaScript APIs can then be easily linked with an RPG backend using JSON and AJAX.
See in real live how you can take a picture or video with your mobile camera, use geolocation, and send it to IBM i.
Finally discover how to store pictures and synchronize data with your IBM i database by using RPG.

* Visual Recognition on IBM i.

* Koen Decorte, CEO, CD Invest, Belgium.

Session abstract:

Learn how to use machine learning to quickly and accurately tag, classify and search visual content.
Learn by examples how to talk to Watson from RPG and use its AI power in your business applications.

In the first one you learn how to manipulate images on your IBM i, in the second one you learn how to use AI to get information and classify those images.
I also add some other Watson services in my presentation so you can learn how to use those services.

Bio:

Koen Decorte is CEO of CD Invest, a Belgian ISV specializing in modernizing IBM i applications. Koen started his career in computer linguistics and in 1994 changed his focus to the internet. He developed a web-based application for real estate agencies on AS/400 back in 1996. He donated his own POP3 client written in RPG to the open source EASY400 community (www.easy400.net). Today CD Invest is proud of its state of the art real estate and accountancy application. Koen and his team recently developed a web based 3D furniture configurator on IBM i for JORI, a high-end furniture manufacturer.

Koen can be reached at kdecorte@cdinvest.be and

LinkedIn at "https://www.linkedin.com/in/koen-decorte-298a7222.

Koen Decorte

Agenda:
Thursday 5 October 2017, 10:30 to 15:45 hours
Location - IBM Client Center, Avenue Bourgetlaan 42, 1130 Brussels

- 10:30 Welcome coffee
- 11:00 Power AI by Franz Bourlet
- 12:00 Sandwich lunch
- 12:45 IBM i mobile by Koen
- 13:45 Coffee
- 14:05 Visual recognition on IBM i by Koen
- 15:05 networking drink
- 15:45 End of the event

Registration: http://www.common.be/Registration_Power_AI_and_Image_Manipulation_on_IBM_i