



Cari Utenti DB2,

Come già annunciato, il prossimo meeting del DUGI si terrà:

Roma **8 marzo**, Centro Congressi Cavour, Via Cavour 50/a, 00184 Roma.

Milano **9 marzo**, IBM Client Center, Circonvallazione Idroscalo, Segrate (MI).

La partecipazione al meeting è come al solito **GRATUITA**, e l'iscrizione è aperta a **TUTTI**.

Come nelle edizioni passate, abbiamo anche questa volta, pianificato una sessione di tavola rotonda con domande e risposte con i massimi esperti Italiani del DB2. **Quindi, inviateci le vostre domande o argomento di discussione già al momento dell'iscrizione.**

Vi segnaliamo anche la grande novità di quest'anno: **LUNCH AND LEARN DB2 NOW!**  
(vedi qui di seguito per i dettagli)

Per l'iscrizione all'evento Vi preghiamo di mandare una email, specificando **nome, cognome e società**, ad uno dei seguenti indirizzi. Ricordatevi di inviare anche **le vostre domande / argomenti** per il panel con gli esperti:

[milano@dugi.it](mailto:milano@dugi.it) per il meeting di Milano

[roma@dugi.it](mailto:roma@dugi.it) per il meeting di Roma.

Cogliamo l'occasione per ricordarvi come potete ricevere le notizie dal DUGI anche su tutti i vari Social Media!! Quindi, oltre al tradizionale Forum di Posta sul sito del IDUG (<http://www.idug.org/p/fo/et/topic=67>) ci potete seguire anche su:

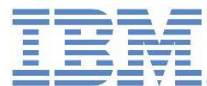
Sito Web:  [www.dugi.it](http://www.dugi.it)  
Twitter:  DUGItalia@DUGItalia  
LinkedIn:  DB2 User Group Italia  
Facebook:  <http://www.facebook.com/groups/DUGItalia/>

Come sempre, il DB2 User Group Italia ringrazia gli sponsor di questo evento:

**BMC Software** [www.bmcsoftware.it](http://www.bmcsoftware.it)



**IBM Italia** [www.ibm.com/it](http://www.ibm.com/it)



**Expertise4IT s.r.l.** [www.expertise4it.com](http://www.expertise4it.com)



Sperando di avervi fatto cosa gradita e augurandoci di incontrarVi numerosi, porgiamo i nostri cordiali saluti.

Buon DB2 a tutti ☺

Adrian Collett([adrian@dugi.it](mailto:adrian@dugi.it)) e Patrizia Rizzi([patty@dugi.it](mailto:patty@dugi.it))

Responsabili DB2 User Group Italia (DUGI)

## Agenda della giornata – DB2 for z/OS: (Milano e Roma)

- 9:00 – 9:05 – **Welcome**  
**Benvenuto e Notizie sul DUGI**  
Adrian Collett(Expertise4IT), Patrizia Rizzi(INPS)
- 9:05 – 10:05 – **DB2 V11 Update, Migration and Customer Experiences Part 1**  
Michael Dewert, **IBM DB2 z/OS Development, SVL**
- 10:05 – 10:55 – **IBM z Analytics Roadmap and the DB2 Analytics Accelerator**  
Eberhard Hechler, Executive Architect, **IBM Germany R&D Lab.**
- 10:55 – 11:15 – **Pausa Caffé**
- 11:15 – 12:15 – **DB2 V11 Update, Migration and Customer Experiences Part 2**  
Michael Dewert, **IBM DB2 z/OS Development, SVL**
- 12:15 – 13:15 – **Esperienza di automazione del change DB2 con BMC Change Manager**  
Giulia Genta, Francesco Bellini, **Intesa San Paolo**  
Questa presentazione è sponsorizzata dalla **BMC Software**
- 13:15 – 14:00 – **Pausa Pranzo e LUNCH AND LEARN DB2 NOW**
- 14:00 – 15:00 – **How to apply fine-grained security in DB2.**  
**The implementation of Row and Column Access Control**  
Roberto Cason, **Senior Technical Software Consultant, BMC Software**
- 15:00 – 15:50 – **Leveraging Apache Spark for IBM Machine Learning for z/OS**  
Eberhard Hechler, Executive Architect, IBM Germany R&D Lab.  
Questa presentazione è sponsorizzata dalla **IBM Italia**
- 15:50 – 16:15 – **Esperienze Utenti:**  
**Utilizzo Flash Copy – Enrica Prati, UnipolSai Assicurazioni**  
**Migrazioni V11 – Graziella Barberis e Enrico Pezzotta, S.G.S. BP.**
- 16:15 – 16:30 – **Q & A – Panel degli Esperti**
- 16:30 – **Chiusura**

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**BMC Software**      [www.bmcsoftware.it](http://www.bmcsoftware.it)

**IBM Italia**      [www.ibm.com/it](http://www.ibm.com/it)

**Expertise4IT s.r.l.**      [www.expertise4it.com](http://www.expertise4it.com)



## Ulteriori Informazioni sulle Sessioni e i Relatori

### *Lunch and Learn DB2 Now*

Ai partecipanti interessati, proponiamo

#### **DB2 for Linux, Unix and Windows Strategic Directions Lunch & Learn**

uno sguardo all'evoluzione di IBM DB2 nell'era digitale e del cloud:  
HTAP, Common Analytics Engine, *and more!*

*con Michele Benedetti, Analytics Platform Technical Sales, IBM Italia*

### **Esperienza di automazione del Change DB2 con BMC Change Manager (Giulia Genta, Francesco Bellini, Intesa San Paolo)**

Intesa San Paolo presenta l'esperienza interna di gestione del Change Management DB2, di come il suo percorso di implementazione si è adattato alla forte crescita dell'azienda in questi ultimi anni, di come sono state affrontate le principali problematiche e quali sono gli sviluppi futuri.

### **IBM z Analytics Roadmap and the DB2 Analytics Accelerator (Eberhard Hechler, IBM Germany)**

Moving analytics to the data, leveraging fit-for-purpose and open source technologies, providing various deployment options such as hybrid cloud, and creating great user experiences are some of the key imperatives to shape the IBM z Analytics roadmap. This presentation describes the key components of this z Analytics strategy, and illustrates the direction IBM will take with the DB2 Analytics Accelerator, the integration of Spark and open source, Machine Learning, the Watson Data Platform, and the new Common Data Provider (CDP) for z Systems. We elaborate on key industry trends, such as Hybrid Transactional / Analytical Processing (HTAP), influencing IBM's z Analytics way moving forward.

#### **Objectives:**

1. Review the key imperatives that are shaping the IBM z Analytics future direction.
2. Understand the role of the DB2 Analytics Accelerator and its current and future capabilities.
3. Dive into some usage examples of the CDP and IDAA integrated solution.
4. Discuss the HTAP concept and its impact on the future z Analytics offering.

Gain insight into the positioning of open source for the IBM z Analytics future and roadmap.

### **Leveraging Apache Spark for IBM Machine Learning for z/OS (Eberhard Hechler, IBM Germany)**

Exposing z/OS data into Apache Spark to enable data scientist related tasks is becoming increasingly important. This presentation describes the functionality of IBM Machine Learning for z/OS, and how Spark on z/OS and new innovative functions are leveraged to create, train, and deploy analytical models that can be continuously improved and adjusted with new transactions. We will deep-dive into how data from DB2 for z/OS can be ingested, how DB2 for z/OS is exploited as a key component for real-time scoring, and the role of the DB2 Analytics Accelerator. This presentation reviews Apache Spark and its key libraries, and closes with a short demo of ML for z/OS.

#### **Objectives:**

1. Understand the value of the Apache Hadoop and Spark ecosystem to enrich analytical insight with z/OS data.
2. Review the key components and capabilities of the IBM Machine Learning for z/OS offering, Spark on z/OS and Liberty on z/OS.
3. Gain insight into making available z/OS data for analytics using Apache Hadoop and Spark.
4. Understand the role of DB2 for z/OS and the DB2 Analytics Accelerator in corresponding data scientist tasks.
5. Discuss the real-time scoring component that involves a RESTful API and Liberty on z/OS.

Underpin the presentation with a ML demo to showcase the various components.

## ***DB2 V11 Update, Migration and Customer Experiences Parts 1 & 2 (Michael Dewert, IBM DB2 z/OS Development, SVL)***

Objective is to provide an overview of major new improvements in DB2 V11 and DB2 V11 utilities delivered post-GA in 2016 and to help customers plan their migration strategy effectively by providing the right information, facts, and guidance. It will help customers that have already migrated to V11 or are in the process of DB2 V11 migration by helping to set the right level of expectations and by providing some real customer feedback of how to avoid pitfalls. The knowledge you'll find in these pages will ensure not only by adopting IBM best practices, proven by real customer experiences, but also will help to reap the cost savings and business benefits of DB2 11. The guidance and direction captured will help customers gain competitive advantages by avoiding pit falls with less risk, achieving business insight, better performance, and operational efficiency with less cost.

This presentation will provide a comprehensive overview of a technique that is a major ingredient for a successful DB2 z/OS migration project at customers. It will talk about several important areas of interest, that also are key to success, not only if you are running an early support project, but also if you are about to plan for DB2 Version 11. What are the avoidable pitfalls in several areas. What if you might want or need to check your production environment migration. How to handle new features. How to check if the heart of DB2 the Catalog itself runs and migrate to the new version. What - if - why... How to best migrate to the new version and why do you need bullet proven process. What is so great about a DB2 Catalog clone. What are the use cases if you want to use new features and where are the limits. Most important - what is there you still will need to do to guarantee a successful DB2 V11 migration.

## ***How to apply fine-grained security in DB2. The implementation of Row and Column Access Control***

***(Roberto Cason, Senior Technical Software Consultant BMC Software)***

In this age of complex regulatory privacy rules, securing access to company's data is a prime focus. Implementing strong access control is a continued concern of DB2 tech teams. Row access control is one of the latest features that enables you to manage access to a table at the level of "need to know" basis.

This presentation describes how to implement row access control through row permissions in a real environment, impacts on application response time, integration with Racf security and how many risks and costs this solution can cause.

## ***Utilizzo Flash Copy***

***(Enrica Prati, UnipolSai Assicurazioni)***

Il gruppo UnipolSai durante i suoi 50 anni di storia ha seguito un percorso di crescita e consolidamento. Al fine di migliorare il proprio servizio verso il cliente ed aumentarne la disponibilità per arrivare ad H24, abbiamo intrapreso uno studio attraverso nuove tecniche di backup. In questo contesto si inquadra l'introduzione della FLASHCOPY come tecnica di salvataggio di dati, un'esperienza che, pur incontrando qualche difficoltà, ha dato infine soddisfazione!

## Biografia dei Relatori:

**Eberhad Hechler**  
(Executive Architect  
IBM Germany R&D Lab)

Eberhad is an Executive Architect working at the IBM Germany R&D Lab. He is a member of IBM DB2 Analytics Accelerator development. After 2,5 years at the IBM Kingston Development Lab in New York, he worked in software development, DB2 performance, IT/solution architecture, Hadoop/Spark integration and MDM. From 2011 to 2014, he was at IBM Singapore, working as the Lead Big Data Architect in IBM's Communications Sector.

Eberhad is a member of the IBM Academy of Technology Leadership Team, and co-authored the following books:

- o Enterprise Master Data Management, Pearson plc, 2008, ISBN-10: 0132366258
- o The Art of Enterprise Information Architecture, Pearson plc, 2010, ISBN-10: 0137035713
- o Beyond Big Data – Using Social MDM to Drive Deep Customer Insight, Pearson plc, 2014, ISBN-10: 013350980X

**Roberto Cason**  
(Senior Technical Software  
Consultant BMC Software)

About 30 year of DB2 for z/OS experience working with customers in Italy. Over then 25 years of experience as System programmer and DBA in an outsourcing company for Banks and Financial Institutes where he was responsible for the design, maintenance, and performance tuning. He covered all the technical DB2 issues on both system and database administration side. He contributed in several internal projects , the last one was an internal implementation of a BIGData solution based on IBM platform. In 2016, Roberto joined BMC's data management team as software consultant where he assists customers to install, implement and educate BMC software for DB2 solutions.

**Michael Dewert**  
(Senior DB2 Consulting  
Specialist, IBM DB2 z/OS  
Development, SVL)

Michael Dewert is an IBM senior DB2 Consulting Specialist and Software Engineer based in Germany, working for IBM DB2 z/OS development (Silicon Valley Laboratory). He has over 25 years of experience working with DB2 z/OS. Before joining IBM in 2001, he worked for large banking IT providers in Germany. He is experienced in DB2, IMS and z/OS system programming, client/server, parallel sysplex, DB2 data sharing implementations aiming for high availability and performance. He is also a co-author of IBM DB2 Redbooks and White Papers. Currently he works as a member of the DB2 z/OS Development SWAT team supporting customers across various industries and geographies.

**Enrica Prati**  
(UnipolSai Assicurazioni)

Sono in Unipol dal 1998. Mi sono sempre occupata dall'inizio di DB2 for z/OS. Per molto tempo mi sono dedicata all'analisi e gestione delle performance applicative. Nel frattempo ho sempre seguito la gestione delle utility, dal 2007 coadiuvata dai Tool DB2. Mi occupo inoltre della gestione delle applicazioni che utilizzano il DB2 Analytics Accelerator.

**Enrico Pezzotta**  
(S.G.S. BP)

Oltre 30 anni di esperienza sul DB2 per z/OS lavorando dapprima con IBM e da 25 anni presso clienti - banche - dove ha maturato competenze di system programmer e DBA per il disegno, la gestione e le prestazioni di sistema e applicative. Ora lavora presso il Banco Popolare in qualità di senior system programmer e DBA.

**Giulia Genta**  
(Intesa San Paolo)

Laureanda magistrale in Ingegneria informatica, lavora in Intesa San Paolo da pochi mesi attualmente ricopre il ruolo di DBA z/OS, in passato ha lavorato anche in ambito data analysis.

**Francesco Bellini**  
(Intesa San Paolo)

Laureando magistrale in ingegneria matematica, lavora in Intesa San Paolo da circa 1 anno, attualmente ricopre il ruolo di DBA z/OS.