SAP LUMIRA, LAVA, HANA v1.0 SP6, DS 1.1 SP2

NEW SAP BI CAPABILITIES & FEATURES!

In the recent months, there have been a lot of new releases in the SAP BI product offerings. It's time for a quick catch-up on what's new and exciting in the SAP BI World! - In July 2013, SAP announced the availability of SAP HANA DB v1.0 SP6 (aka rev. 60), SAP BO Design Studio 1.1 SP2 and an all new SAP LUMIRA (enhanced version of Visual Intelligence). Below are few must know and note worthy features and enhancements.

A – SAP LUMIRA: Enhanced version of BO Visual Intelligence which is based on HTML 5 (supports mobile device deployments t for iPADs , etc.) with main focus on self-service reporting. Lumira enables power users (non – IT staff) to interactively create data sets using heterogeneous data sources and quickly create and share / deploy analytics (reports & dashboards) applications using guided analytics with full support to cloud environment. A rich set of templates can be leveraged for creating BI analytical application/s. And more..

B – SAP HANA SP6: 1 – Tighter integration between SAP ABAP and SAP HANA scripting engine using enhanced ADBC (ABAP database connectivity) that provides interactive debugging of SAP HANA scripts from SAP ABAP function modules. **2- Enhanced HANA XS** (aka extended services architecture or extra small architecture) application development platform is a HTML5 and/or JavaScript based solution architecture for HANA backend scripting and front-end report rendering. SAP HANA **XS** supports **ODATA** (aka Open ODBC for web) that provides easy to consume data for web with rich set of templates (aka **extension libraries** for front-end controls, themes and back-end logic). Complex write-back applications (i.e: SAP NW-BPC / BPS financial planning like applications) can be quickly built in-house 100% using SAP HANA XS by combining out of the box XS ODATA methods and REST based server side JavaScript extensions. **3 – Cascading Calculation Views:** From HANA SP6, we can now have one calculation view calling another calculation view with complex parameter values. **4 – SAP HANA Dynamic Script Filters:** A new SAP HANA method (APPLY_FILTER) is now available to enable support to complex dynamic filters during SAP HANA script execution that provides great flexibility to build complex SQL queries with on-the fly filter values that pushes processing to SAP HANA backend. And more..

C – SAP BO Design Studio (aka DS) v1.1 SP2: In August 2013, SAP released DS v1.1 SP2, which is a minor update to SP1 which was released in June, 2013. DS SP2 provides more features that support: **a – Enhanced Scripting Options:** Scripts can now be used to customize reports and dashboards using various graphical components. Advanced data scripts can be built to handle date and string data from SAP BW & HANA data sources to meet business reporting needs. **b - Write-back interface development:** Using existing controls and little creative thinking, we can now build custom write back SAP BI design studio dashboards and reports using manual DS scripts and cross-tab controls that can create a financial planning like interface. **c – Custom CSS (cascading style sheets):** to implement customer specific look and feel for web application built and deployed using DS. **d - Enhanced Support for Multi-lingual Applications:** Full support to SAP BW language based master data text out of the box for master data and support for non-SAP BW data sources using custom scripting within DS . And more ..

ARE YOU EXPLOITING SAP HANA YET?

I - SAP BW customers can migrate your existing SAP BW system to run on SAP HANA DB with side car platform option to get the best BANG for your $$$. Scale your SAP HANA system as per business needs to meet higher data volumes. Start using SAP BO Design Studio for web reporting and dashboard needsand deploy in your SAP portal (with NO dependency to BI4x launch pad portal)

II - With SAP HANA XS (HTML5, REST, ODATA, JavaScript, etc.) as a standalone development platform, SAP HANA XS can be used to provide a wizard based backend model and front-end reporting development environment.

WHAT'S IN PIPELINE

1– SAP LAVA - Is the next generation BO language to build BIG DATA reports & dashboards & more..

2- SAP BI 4.1 – Is the next BIG release for SAP BI 4x (aka BOBJ 4.0), this major release will mainly focus on providing new capabilities that enable: **a - BIG DATA Support**(Amazon Elastic MapReduce, Enhanced Oracle Exadata integration, Hadoop Hive integration, etc. **b – Enhanced Scalability & Report Response Time (** by implementing better memory utilization**)**, c **– Automatic Object generation for HANA views**, etc..

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