

Webinar

Welcome To
The Future

Webi
BI4.2 SP06
And Beyond



360 Suite
BUSINESS OBJECTS
MANAGEMENT SOLUTIONS



Webi Facts



#1 Reporting Tool in BI Market
Cover 70% of the FORTUNE 100
20,000 Customers Use it in Prod

Webi Facts



Ability to do Complex
and Heavy Reporting

Webi Facts



Self-service tool:
interact with existing Webi documents
or create them yourself

Webi Facts



#1 tool for request of improvements
in SAP Ideas Place



Speaker



Gregory Botticchio
Product Manager SAP BusinessObjects Webi

360Suite: The Perfect Companion

Business Objects + 360Suite = Maximize your Investment

★ Why We Win?

- Cut operational costs
- Mitigate risks (FISMA, SOX, HIPAA, GDPR, etc.)
- Maintain a clean/efficient/secured environment
- Reduce migration/upgrade costs (4.2, SP, Cloud, etc.)
- Cross charging
- Measure real BI usage
- Awesome services team:
#CustomerSuccess is our DNA



SAP BusinessObjects Web Intelligence

Scope 4.2 SP06, roadmap

Gregory Botticchio, SAP
March, 2018

PUBLIC

SAP BusinessObjects Web Intelligence

For ad-hoc query and interactive reporting

Quickly build ad-hoc queries and interactive reports without a knowledge of SQL or the underlying data structure

Access to heterogeneous data sources

- Leverage semantic layer and common business terms
- Combine multiple data sources within a report

Flexibility and control

- Create new reports or modify existing reports
- Re-use shared report elements

Interactive and intuitive interface

- Use the organized toolbar, drag-and-drop features, and rich charting options
- Collaborate within the reports

Online and offline reporting

- Ask questions, analyze data, and identify trends no matter where you are (mobile, web, desktop)



SAP BusinessObjects Web Intelligence

- Web Intelligence Interactive Viewer
- WebI Designer enhancements
- Other Customer's Requests
- RESTful Web Service

Roadmap

Web Intelligence Interactive Viewer



Web Intelligence Interactive Viewer

Automatic Refresh

- Only in Web Intelligence Interactive Viewer!
- Auto refresh mode: only for reading
- Define the refresh frequency
- Prompts need to be answered only the first time
- Data providers refreshed every XX minutes
- Use opendoc for a full screen display

Set Auto Refresh

Auto Refresh every: 10 minutes

OK Cancel

Welcome_sint_USER BI Launch Pad

Last Refresh: Feb, 12th 2018 1:05 PM

Run Simple

Element link on Charts (7) Element link on Charts

Element link on all dimensions

Country	Men	Women
France	30	10
Germany	20	10
Spain	40	10
Great Britain	25	5

Element link on "Country"

Country	Men	Women
France	30	10
Germany	20	10
Spain	40	10
Great Britain	25	5

Element link on "Gender"

Gender	Men	Women
France	30	10
Germany	20	10
Spain	40	10
Great Britain	25	5

Exit Auto Refresh Mode

SAP Labs Preview

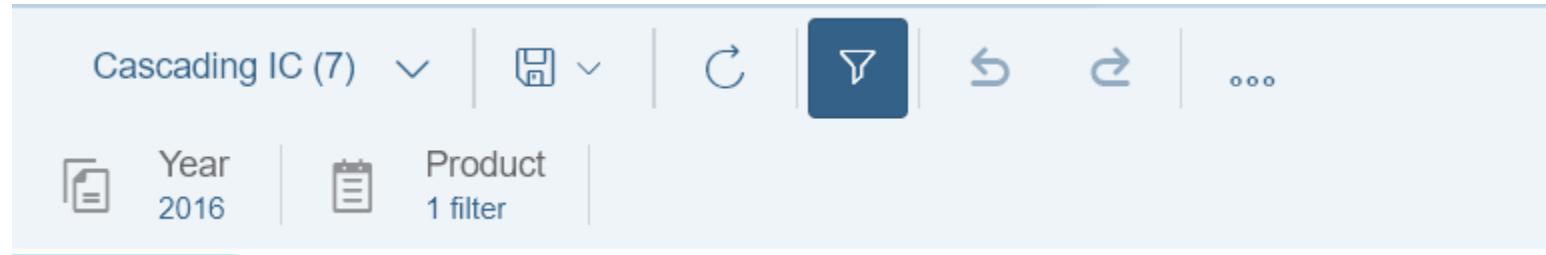
This is the current state of planning and may be changed by SAP at any time.

Web Intelligence Interactive Viewer

Filters Bar / Advanced Menu

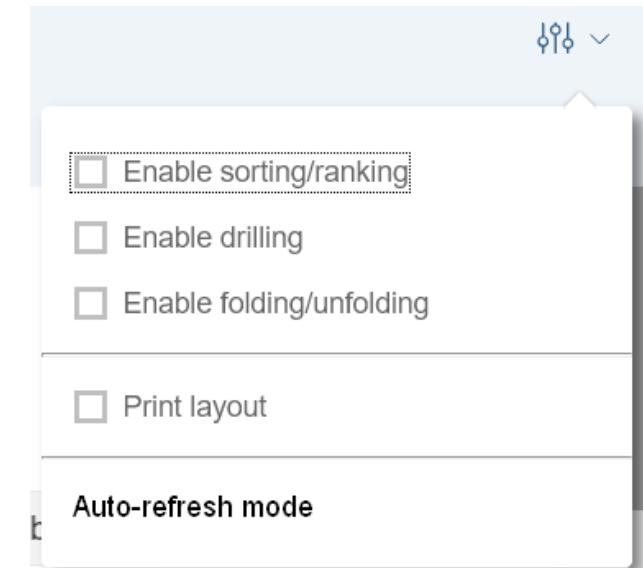
SAP Labs
Preview

- Automatically open the **Filters** Bar when a filter has been set



- New **Advanced** menu

- Enable / Disable sorting/ranking
- Enable / Disable drill **(New!)**
- Enable / Disable folding
- Print layout
- Auto-refresh **(New!)**



This is the current state of planning and may be changed by SAP at any time.

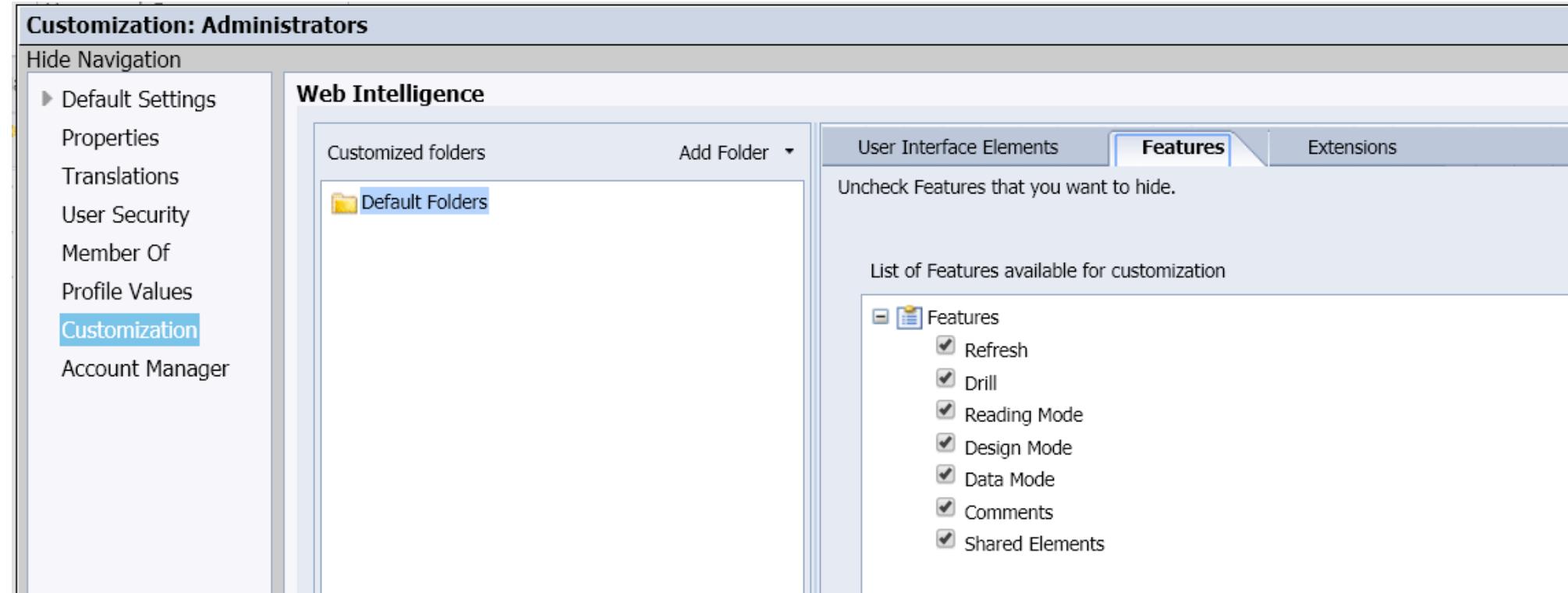
Web Intelligence Interactive Viewer

Support of Customization

SAP Labs
Preview

User Interface Customization:

- Hide unwanted features: Refresh, Comments...



The screenshot shows the SAP Web Intelligence Interactive Viewer customization interface. The left sidebar has 'Customization: Administrators' and 'Hide Navigation' sections, with 'Customization' selected. The main area has a 'Web Intelligence' tab with a 'Customized folders' list containing 'Default Folders'. On the right, there are tabs for 'User Interface Elements', 'Features' (which is selected), and 'Extensions'. A message says 'Uncheck Features that you want to hide.' Below is a list of features with checkboxes: Refresh (checked), Drill (checked), Reading Mode (checked), Design Mode (checked), Data Mode (checked), Comments (checked), and Shared Elements (checked).

Feature	Status
Refresh	checked
Drill	checked
Reading Mode	checked
Design Mode	checked
Data Mode	checked
Comments	checked
Shared Elements	checked

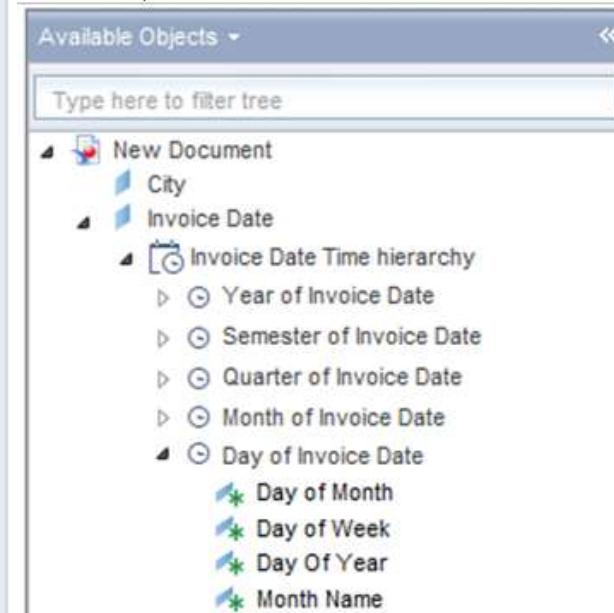
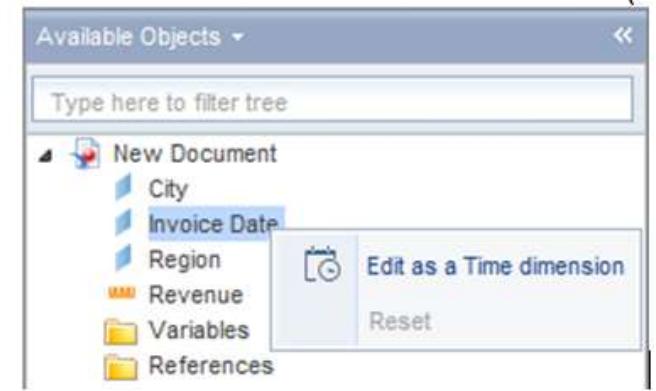
This is the current state of planning and may be changed by SAP at any time.

Web Intelligence Designer

Time Dimension

Enrich Web Intelligence Documents with Time Semantic

- Create a Time hierarchy out of data source dates
- Create tables and charts with chronological order
- Drill into the Time hierarchy
- Create a custom calendar, e.g.: fiscal year
- Use time-based report filters and input controls



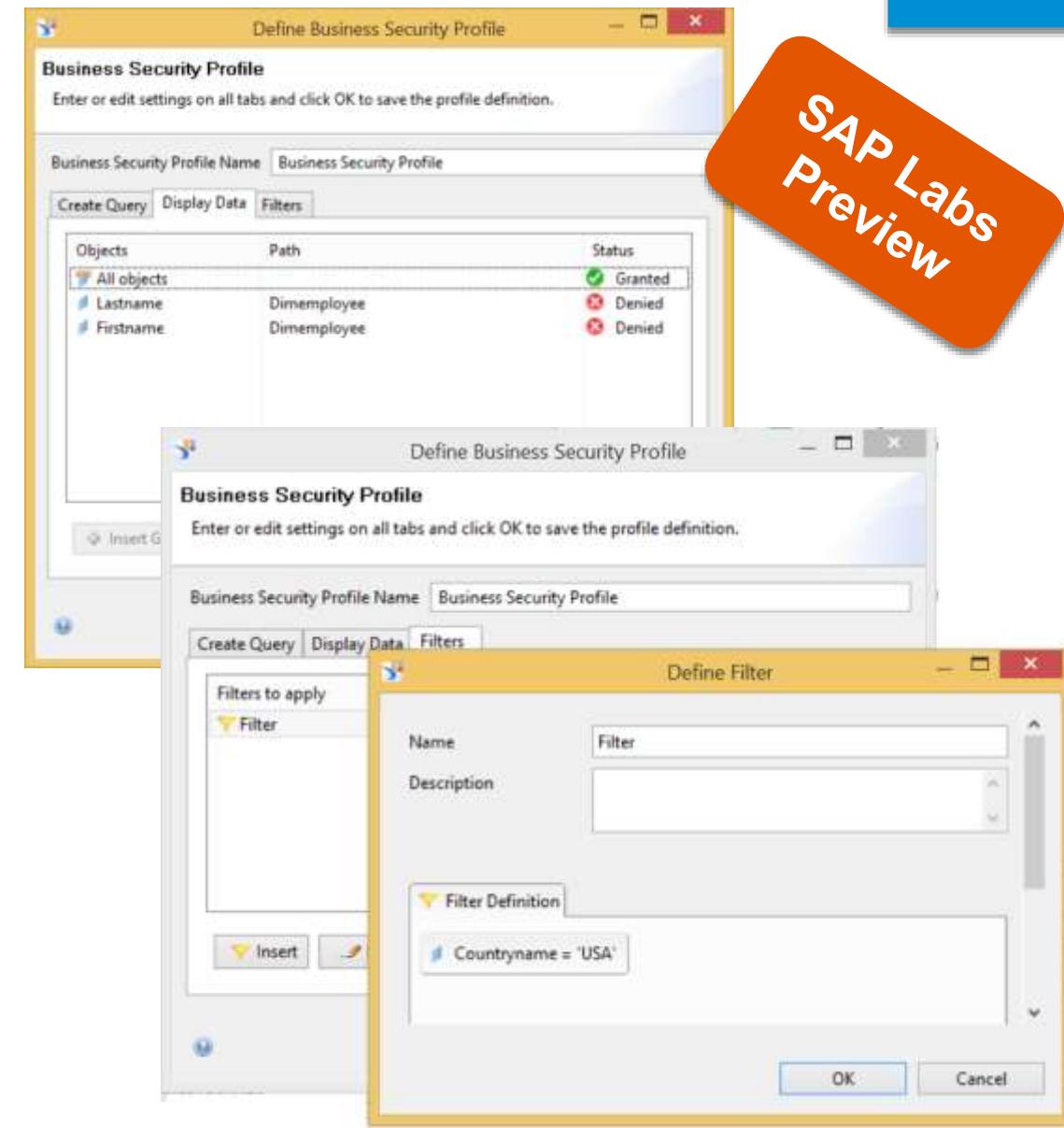
SAP Labs
Preview

Web Intelligence Designer

View-Time Security

Apply universe Business Security Profile Filtering when opening document:

- No need to refresh the data to apply the profile filter when opening the document
- Offers the same result than a refresh-on-open but without the refresh action cost
- No query execution = performance gain!
- Only on relational UNX
- *Display Data*: Secure objects
- *Filters*: Filter rows



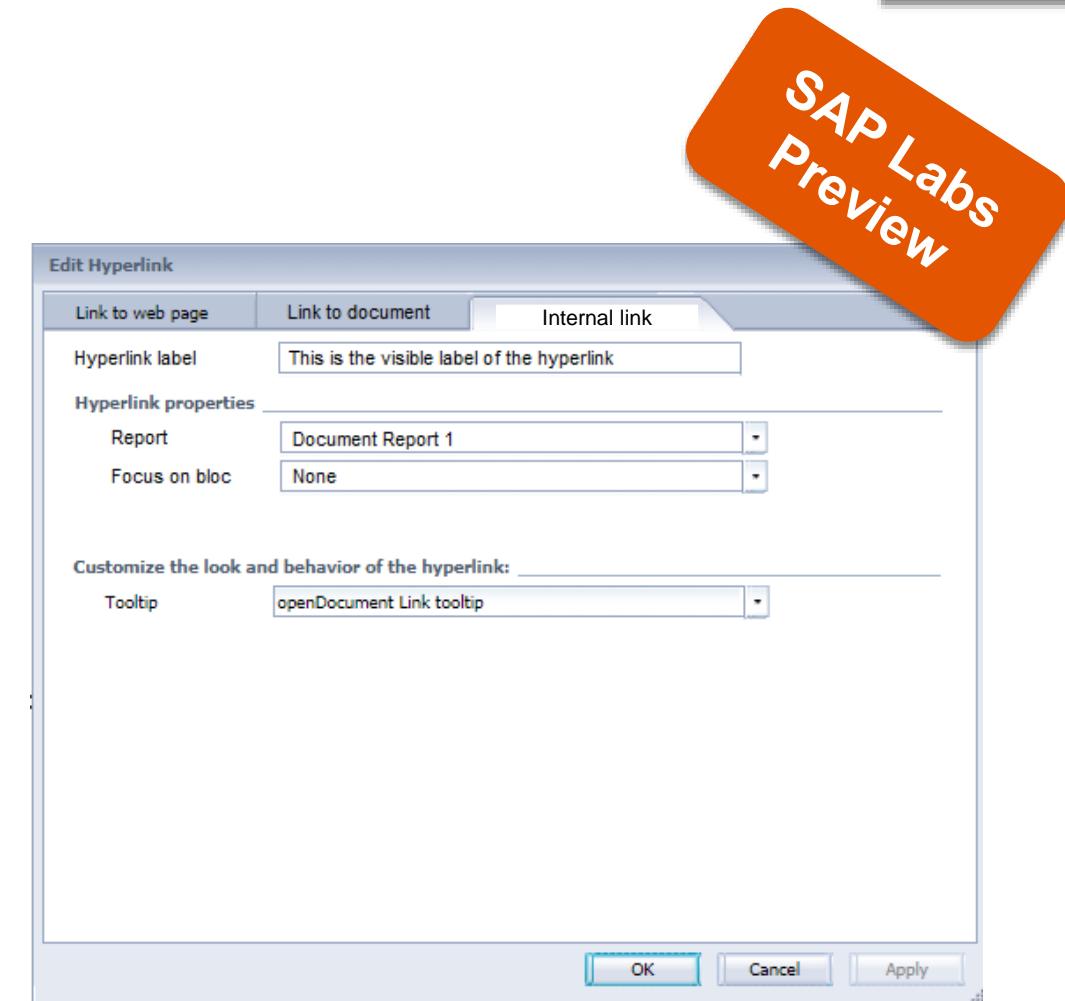
Web Intelligence Designer

Intra-document linking

Internal hyperlinks to any report within a document

- Create a document index or shortcuts to other reports within the document
- Based on JSP code:

```
<a href="#" onclick="callImplementation([{reportId:9}],  
'loadReport'); return false;" style=  
"color:inherit; text-decoration: none;" title="Link to  
Report1 tooltip">Link to Report1</a>
```



SAP Labs
Preview

This is the current state of planning and may be changed by SAP at any time.

Web Intelligence Designer

Open Document URL

SAP Labs
Preview

- Support for XLSX output: sOutputFormat=E
- Display document without UI control: sReportMode=Light
- Support for complex prompts (SAP HANA, SAP BW)

Syntax	Operator	Example
Arg1	Equal	IsM <i>PromptName</i> =France
!Arg1	Not Equal	IsM <i>PromptName</i> !=Italy
Arg1-Arg2	Interval Between	IsM <i>PromptName</i> =Germany - Spain
!Arg1-Arg2	Not Between	IsM <i>PromptName</i> !=Germany - Spain
>Arg	Greater than	IsM <i>PromptName</i> >Germany
<Arg	Lower than	IsM <i>PromptName</i> <Germany
>=Arg	Greater or equal to	IsM <i>PromptName</i> >=Germany
<=Arg	Lower or equal to	IsM <i>PromptName</i> <=Germany

Can be combined:

IsM*PromptName*=France;!Italy;!Spain;Canada-Germany;>Panama

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Web Intelligence Designer

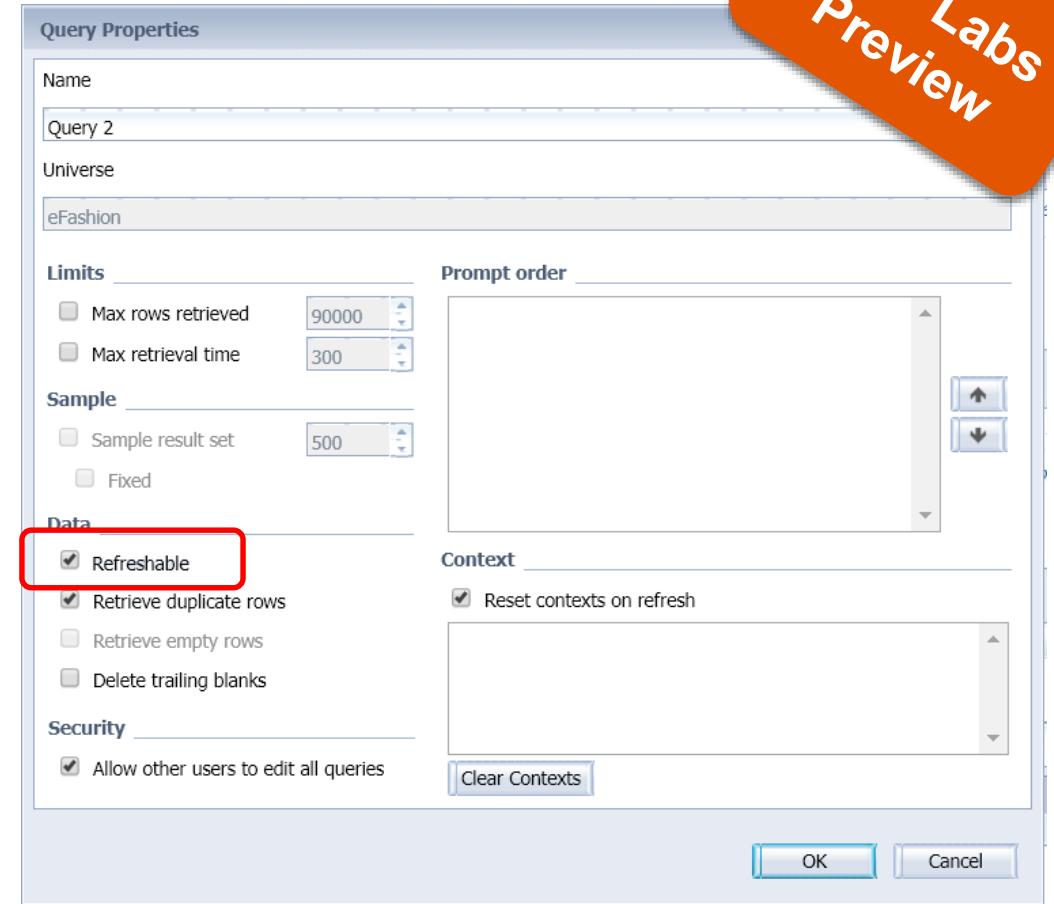
Refresh Options

Refreshable option to disable a query execution

Already available for XLS

Implemented in 4.2 SP6 for

- UNV/UNX
- SAP Direct Access
- SAP HANA Direct Access
- FHSQ
- Text



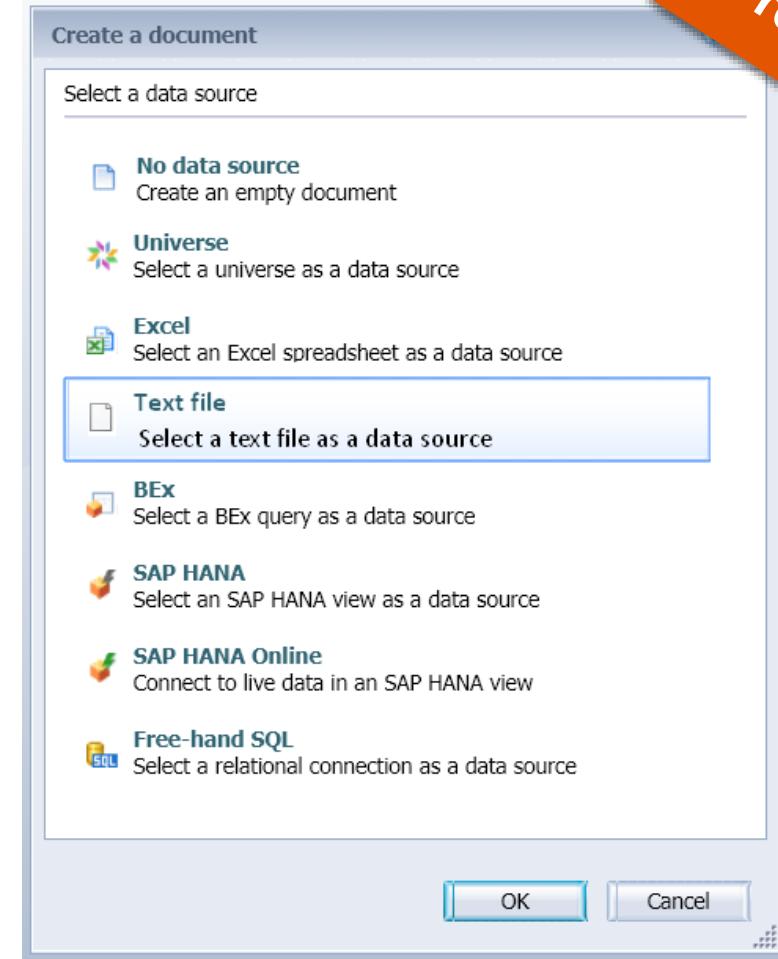
SAP Labs
Preview

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Web Intelligence Designer

TXT and CSV Data Providers

Support for TXT and CSV data sources (from CMS) in the DHTML client



SAP Labs
Preview

This is the current state of planning and may be changed by SAP at any time.

Web Intelligence

Other Customer Requests

- Support for the PageInSection() Desktop Intelligence formula.
- Option to export PDF with or without bookmarks
- Automatically fill table break footers with measures
- Context support in scheduling

2001

Page 4

New York

Page 2 in page 4 of 2001 section

City Lines Sales Revenue Quantity sold

New York Accessories \$67,722 3,865

New York City Skirts \$11,651 62

New York City Trousers \$20,938 146

New York Dresses \$116,567 848

New York Gowns 1500 160

New York Handbags 15 44

New York Knitwear 11 730

New York Lingerie 35 166

New York Shirt Waist \$190,324 1,150

New York Sweaters \$92,735 600

New York Sweat-T-Shirts \$476,724 2,826

New York Trousers \$30,873 186

Section: State

Texas

Page 1 in page 4 of 2001 section

SAP Labs
Preview

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Web Intelligence RESTful Web Services

New APIs

SAP Labs
Preview

- APIs for Time dimension
- APIs for Geo dimension
- APIs for Text and CSV files as data source
- API to get all available objects
- API to get/set data provider's Refreshable parameter
- Etc.

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SAP BusinessObjects Web Intelligence

Product road map overview - key themes and capabilities

Recent innovations

Engaging user experience

- New interactive viewer
- BI Variants
- Dynamic Input Controls

Trusted foundation

- dHTML vs. Java client parity
- Parallel queries
- Universe enhancements

Collaboration

- Commentary
- Shared Elements

Unleash the ecosystem

- Visualization extensions
- JAVA and REST SDK improvements

Best on SAP data

- BEx authored universe
- SAP HANA and BW hierarchy flattening

2018 – Planned innovations

Engaging user experience

- Drill activation, OpenDocument, Intra document Linking
- Automatic Refresh
- Support Customization & Extension
- Charts interactions with Zoom&Pan

Trusted foundation

- dHTML Design - better Look & Feel
- Charts enhancement
- Visual Difference (Webl)
- Deski/dHTML catchup
- HANA translation

Hybrid enablers

- Time Dimension
- View-Time Security
- Consume SAC model
- Semantic enrichment (easy merging)

2019 – Product direction

Enhanced consumption experience

- Global Elements Linking
- Custom tooltip

Simplified designer experience

- Templates
- Top cumulative ERs from customers

Adapt to ecosystem

- Custom Hierarchy
- Online mode for Universes

Hybrid

- SAP Analytics Cloud & Webl bi-directional interoperability

2020 – Product vision

Enhanced consumption experience

- Interactive analysis for the end users
- Management by exception

Advanced recommendation

- Best chart recommendations

Adapt to ecosystem

- Trusted BI artefact



Always Easy,
Always Powerful,
Always The Best

#Webi4Me

< Developers / Business >



Community



Available to download:
• Presentation of today



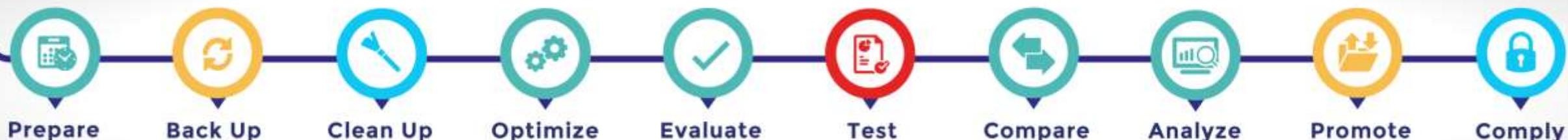
#Webi4Me



Webinar
every 2 months

www.360suite.io

10 Steps to Upgrade to SAP BusinessObjects BI4.2



- ① Analyze the Source Platform
- ② Safeguard the Process
- ③ Streamline Content
- ④ Optimize Business Objects
- ⑤ Understand the License Pool
- ⑥ Automate Regression Testing
- ⑦ Compare Source and Target
- ⑧ Conduct an Impact Analysis
- ⑨ Schedule and Migrate Content
- ⑩ Ensure Compliance and Security

80%
Time savings

\$
Cost efficiency

✓
Optimized migration

10 Steps to Successfully Migrate Business Objects to the Cloud

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

Perform BI on BI Assessment

Backup Environment

Cleanup Environment

Optimize Business Objects

Analyze License Pool and Session Peaks

Develop Plan to Migrate Content

Compare Source and Target

Automate Regression Testing

Monitor Performance

Ensure Security



Time savings



Cost efficiency



Optimized migration



with  360Scan

Questions

360Suite

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-  bruno.masek@360suite.io
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Upcoming 30min Webinars

April 18

Business Objects
Service Pack Upgrade

- [USA: 11:00am EDT](#)
- [UK: 11:00am GMT](#)
- [FR: 2:00pm CET](#)



April 19

Business Objects
Cloud Migration
(AWS, AZURE, SAP, etc.)

- [USA: 11:00am EDT](#)
- [UK: 11:00am GMT](#)
- [FR: 2:00pm CET](#)

Thank you!



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