

Charlotte PowerBuilder Conference

Moving at the Speed of Change

May 2015

REPORTING STUDIO

Reinventing Business Reports

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REPORTING STUDIO - KEY CONCEPTS

Business users:

- Allows business users to create report themselves
- No technical or SQL skills required – only business skills

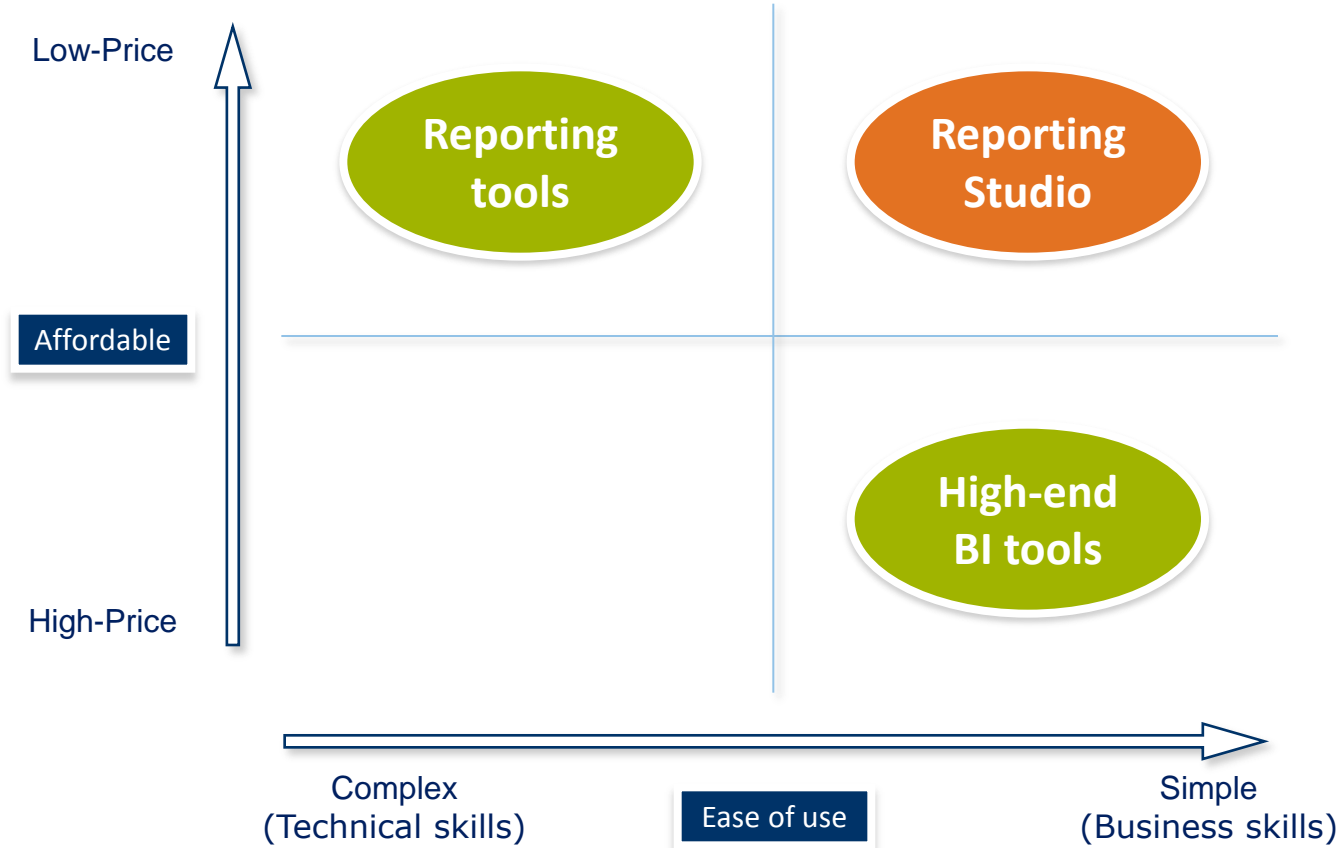
Web and mobile deployment:

- Deploys instantly new reports to windows, web and mobile users

Embedded BI:

- Reports integrate seamlessly as part of the PowerBuilder Application
- They leverage the context of the Application to simplify user experience

REPORTING STUDIO ON THE BI MARKET



HOW TO LET USERS CREATE REPORTS THEMSELVES

- Technical complexity is handled in advance by developers
- They prepare a Repository, with the required meta-data
Creating reports becomes very simple
- Business users take it from there
All they need is Business skills...

REPORT CREATION PROCESS

Step 3: Production

Report Users select a Report.
They can run it on the screen and play with filters
If needed, they export it in PDF or XLS format.



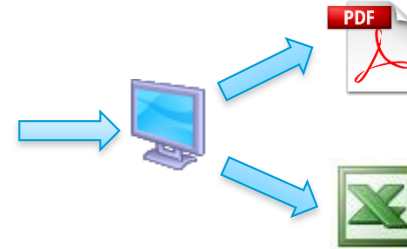
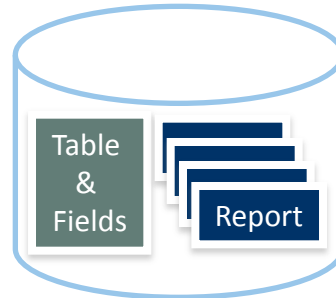
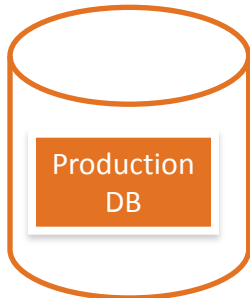
IT Staff
(Technical Skills)



Report Designer
(Business Skills)



Report Users
(Business Skills)



DEMO

Design & Run Reports...

RUN REPORTS ANYTIME, ANYWHERE

1. Standalone Viewer

- Run Reports with a standalone application (Report Viewer)
- Available on Windows, Web and Mobile clients (iOS or Android)
- Web and Mobile require a Server (Reporting Server)

2. From a **PowerBuilder** application

- Run reports as part of a PowerBuilder application
- Support Web and Mobile apps deployed with Appeon

3. Key Features

- Run Interactive Reports (filter, sort, drill-down)
- Export Reports as PDF or Excel
- Schedule Reports, and email PDF/Excel copies automatically

REPORT SCHEDULER

1. Scheduler runs as a Windows Service
2. Users define timing, format and recipients
3. Reports are run, exported and emailed on a regular basis.



The Parameters dialog box shows the following configuration:

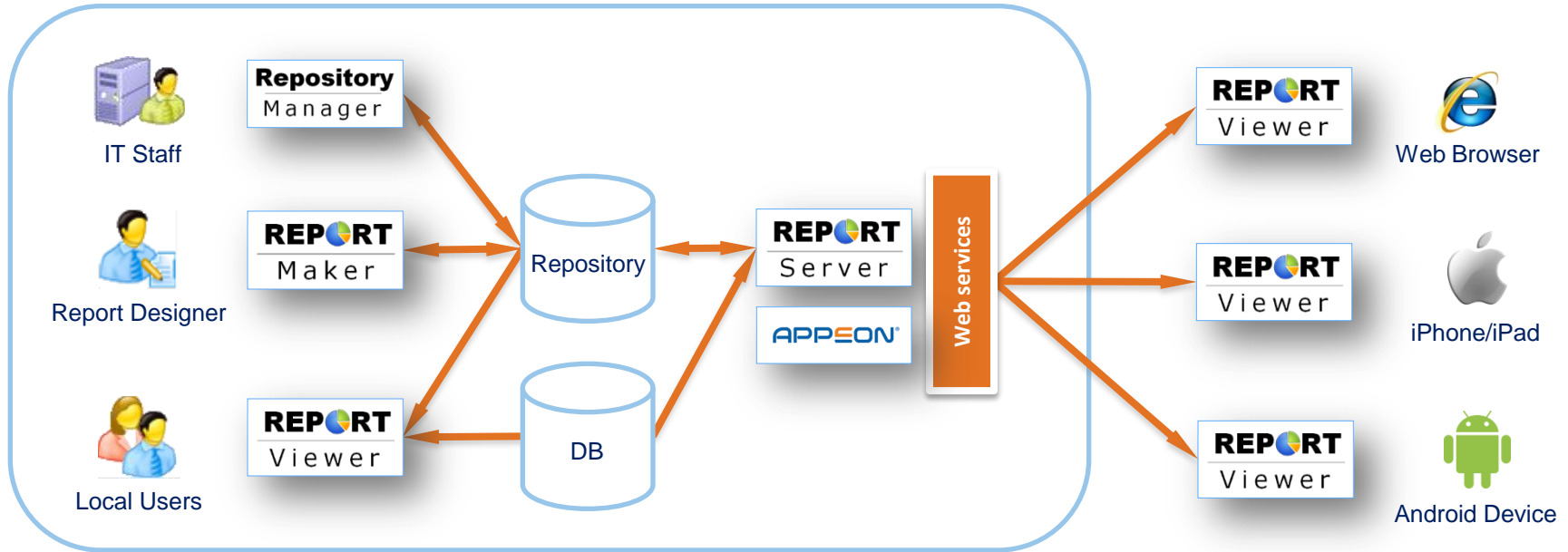
- Ena File: C:\rs_scheduler\nrssample.ena
- Check time: 30, Check Time Type: second
- Log File: C:\rs_scheduler\nrs_scheduler.log
- Destination Folder: C:\rs_scheduler\reports

Report Name	Customized Name	Enabled	Start	Repeat	Repeat Type	End Of Month	Skip Days Of Week	Export Type	
Customer List	Customer List	<input checked="" type="checkbox"/>	30/04/15 17:15:00	15	minute	<input type="checkbox"/>		PDF	Sales Re
Products and Cities		<input type="checkbox"/>	28/04/15 17:00:00	1	day	<input type="checkbox"/>		PDF	
Details of selected Sales Orders	Details of selected Sales Orders @timestan	<input checked="" type="checkbox"/>	28/04/15 09:45:00	10	minute	<input type="checkbox"/>		Excel	
List of Employees	List of Employees Terminated	<input checked="" type="checkbox"/>	28/04/15 12:53:00	2	minute	<input type="checkbox"/>		Excel	
List of Employees	List of Employees On Leave	<input checked="" type="checkbox"/>	28/04/15 17:18:00	1	minute	<input type="checkbox"/>		Excel	

Buttons: Add report, Delete report, OK, Cancel

REPORTING STUDIO – MAIN COMPONENTS

LAN



SEAMLESS INTEGRATION WITH PB APPLICATIONS

1. Report Selection

For each Window, relevant reports are automatically proposed to the user

2. Parameter passing

Users selects one or several records list and run the corresponding reports.

3. Drill down

Reports can be connected, similar to drilling-down (master-details):
When modifying records in a list, the report is automatically updated.

DEMO

Embedded BI

GO FURTHER

Join the **Reporting Studio workshop**:

- Get a free copy up and running
- Try it with your application

⇒ Tomorrow – 10:15 AM – Classroom 502

⇒ Tomorrow – 4:15 PM – Classroom 506

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Thank You!

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