

Charlotte PowerBuilder Conference

Moving at the Speed of Change

May 2015

Introduction to Visual Expert 2015

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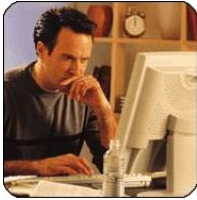
Why use a maintenance tool?

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Knowledge Transfer



Joining a project

Help newcomers master old, large and complex code.



Key persons unavailable

Address emergencies, even when key people are not around.



Teamwork – code sharing

Help your team use the code developed by others.



Unexpected side effects / regression bugs

No matter how well you master the code, any modifications can generate regression bugs.

A maintenance tool helps:

1. Evaluate the consequences of a change.
2. Consolidate the change to avoid future regressions.

DEMO



Impact Analysis

DEMO



Understanding complex code

DEMO



Source Code Documentation



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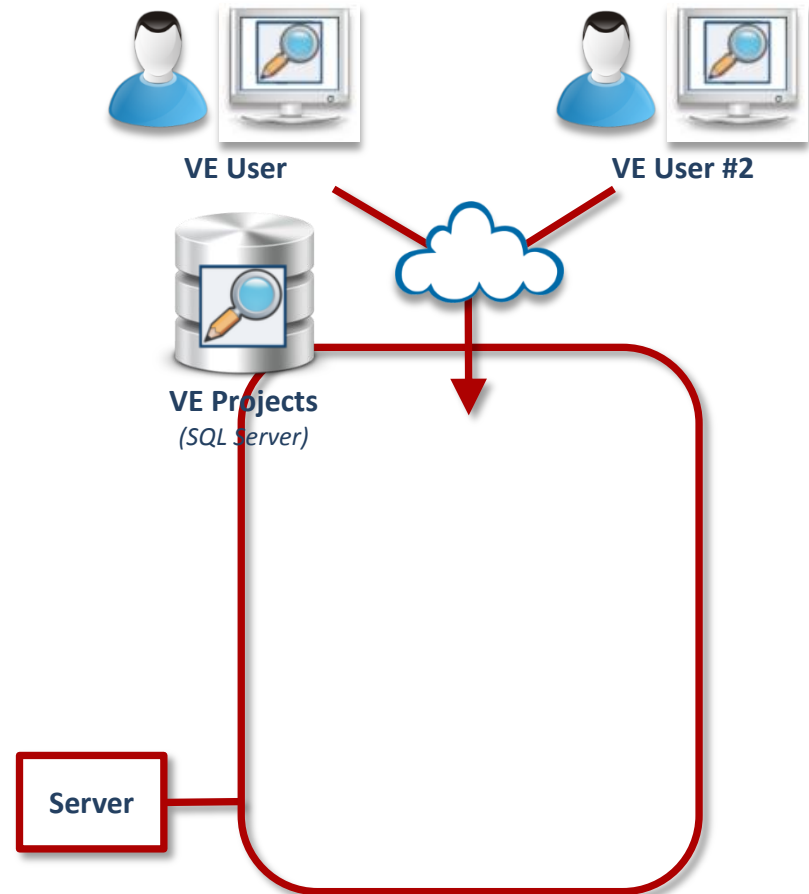
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What's new in Visual Expert 2015?

Architecture



- VE Projects stored in SQL Server Local DB
- VE installs automatically with a free copy
- You can also use your copy of SQL Server
- Both client and server installation supported
- Supports concurrent users and collaborative features...



Collaborative features

- **Share VE projects:**

1 user defines a VE project for all developers

- **Shared Analysis:**

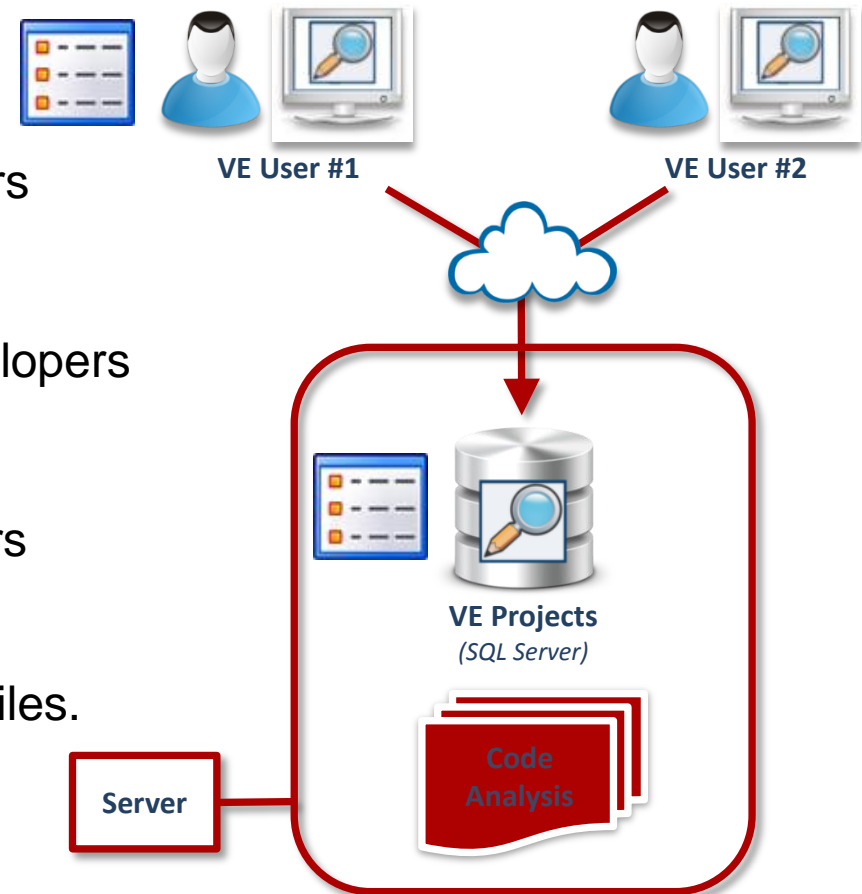
The same code analysis is used by all developers

- **Shared views/results:**

1 developer can share a treeview with others

- **Export and send Views:**

Users can export Views as HTML or Excel files.



Scheduled Tasks



Code Analysis and Doc generation can be scheduled

Scheduled tasks of the current project: PB Sample

Code analysis Documentation

Do you want to schedule the documentation of the current project?

No, I will generate it manually

Automatically, when computer is idle Daily Weekly Monthly

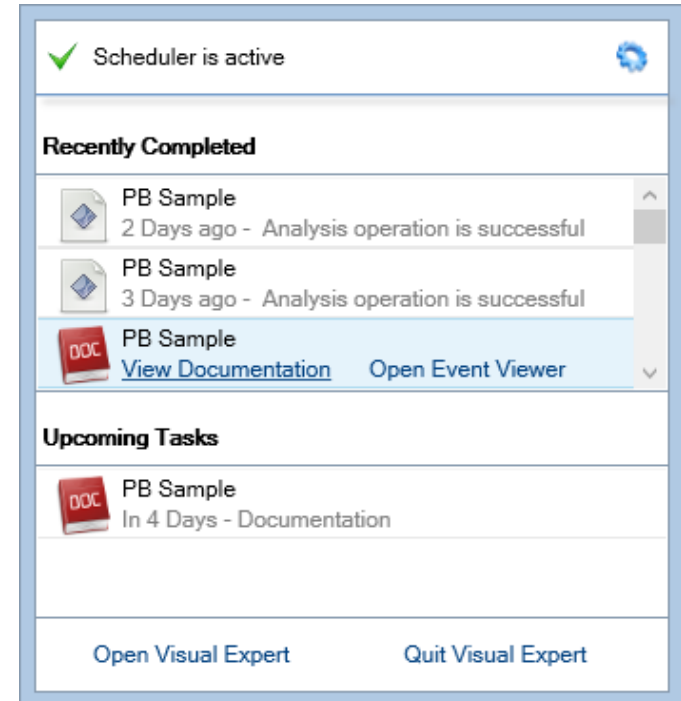
On a specific time

- Always get a fresh analysis and documentation
- Automatically refreshed on a regular basis
- Delegate tasks to a server. Free up developer PC
- Support very large volumes of code

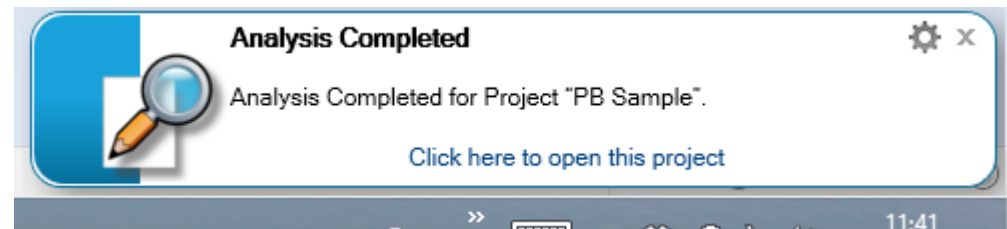
System Tray Agent



- Check completed tasks
- Review scheduled tasks
- Access VE projects
- Edit VE Settings



- Get notifications:



Oracle PL/SQL Code

Analyze Oracle PL/SQL Code

- The same Key features are now available for PL/SQL: Impact Analysis, Code Exploration, Documentation...
- Analyze dependencies between PowerBuilder and Oracle
- Just connect to Oracle and let Visual Expert analyze your code

Multi-applications

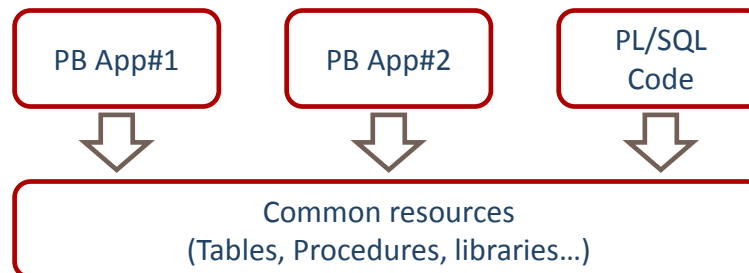


Analyze multiple applications in a VE Project

Explore several sets of code at the same time

You can:

- Analyze dependencies between sets of code
- Search for a string across all your code
- Generate documentation for several applications



Go further



Join the Visual Expert workshop:

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

⇒ This afternoon, 2 PM – Same room

⇒ Tomorrow, 3:15 PM – Same room



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Thank you!
