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NetBeans

How to Deploy PHP Application with Netbeans IDE and how to test PHP application with Netbeans IDE.

Features and Innovations

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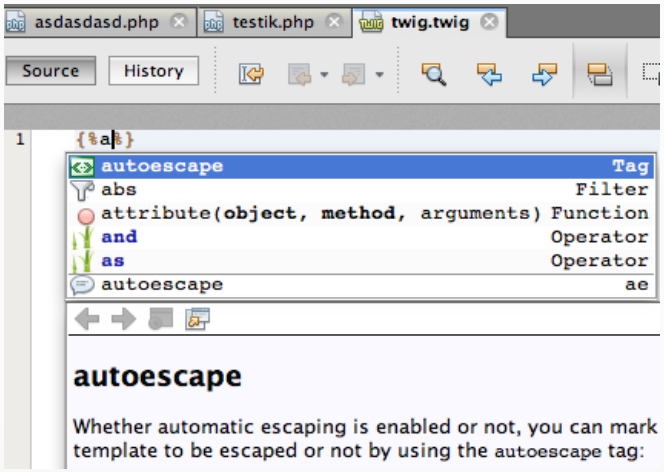
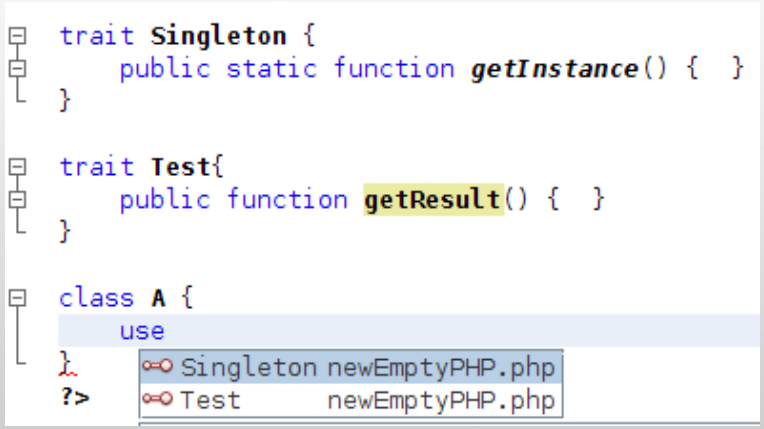
What is NetBeans?

- A comprehensive, modular IDE
  - Ready to use out of the box
  - Support for latest Java specifications & standards
  - Other languages too (PHP, C/C++, etc)
  - Intuitive workflow
  - Debugger, Profiler, Refactoring, etc.
  - Binaries & ZIPs for Solaris, Linux, Windows, Mac
- Simply download and run on any OS with a JDK!

What's new in 7.3 for PHP

- Support for
  - Composer
  - improved Twig support
  - Improved Smarty support
- Tools
  - New hints
  - Better code formatting
  - Resolve project problems
  - Improved code completion





more at http://wiki.netbeans.org/NetBeans_73_NewAndNoteworthy#PHP

Demo

- Simple TodoList PHP application
- Sources available at https://github.com/ladariha/todolist

PHPUnit support

- Built-in support for PHPUnit framework
- Completion for PHPUnit @annotations
- Easy creation of test cases
- Custom PHPUnit configuration per project
- Code coverage reports and lines highlighting

...And more

Continuous Integration support

- Support for Template for Jenkins Jobs for PHP Projects
  - http://jenkins-php.org/
- Build your PHP project and test it on Jenkins from IDE
- Review results in IDE
  - View console output
  - View job history

Dependencies

- Support for Composer
  - http://getcomposer.org/
  - Manage dependencies per project
    - vs. system-wide approach like PEAR
  - List of all dependencies in JSON file
    - Part of project
- How can NetBeans help?
  - Download all declared dependencies directly in IDE
    - Stable or development version
  - Update/validate dependencies

Deployment

- Always prefer version control system – usually part of SCM tools:
  - Version control system, bug tracking, documentation etc.
- NetBeans support Mercurial, Git and Subversion
  - View history, revert changes, commit modifications, review annotation in source editor etc
- Track uncommitted changes with Local history
- As a last resort you can use FTP

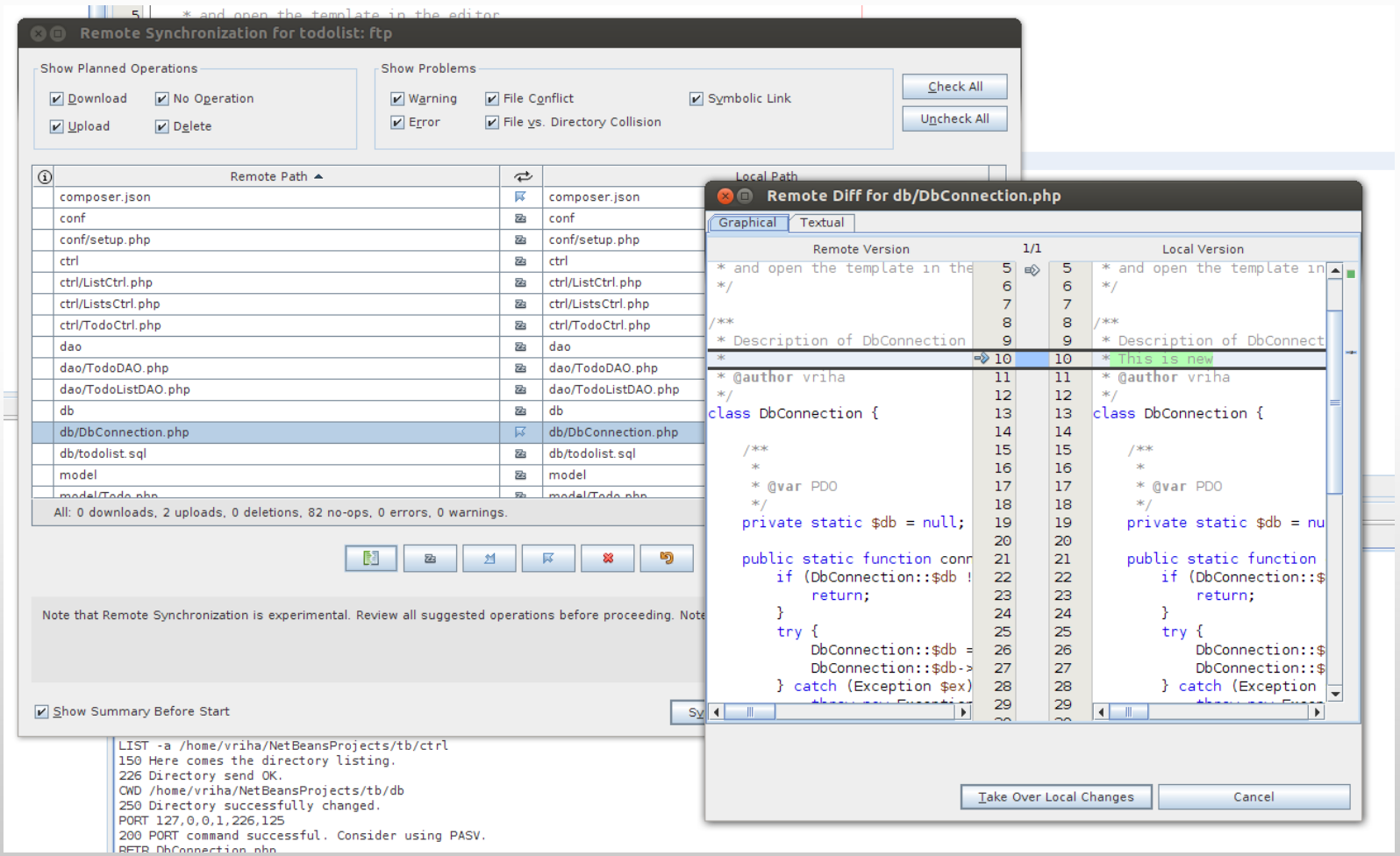
FTP support

- Support for various type of FTP:
  - FTP(S), SFTP
- Upload files manually, on run or on save
- Keep-alive feature
  - To avoid losing connection with server
  - Sends NOOP command in specified intervals => no need to reconnect to server

FTP Synchronization

- Introduced in NetBeans 7.2
- Compare local and remote files before uploading or downloading
  - Resolve conflicts
  - Helps to avoid source overriding
- Support for selected file or all sources
- Server dependent
  - NetBeans compares files by their timestamps => FTP server may return old timestamps

FTP Synchronization



Next Steps

- Download NetBeans IDE
  - http://netbeans.org/
- Read latest information about PHP in NetBeans at our blog
  - https://blogs.oracle.com/netbeansphp/
- Participate in community testing NetCAT
  - http://wiki.netbeans.org/NetCAT

Thank You!

Questions?

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