

# QA at OpenOffice.org

## Part 2: Automated GUI Testing

# Agenda

- Running Automated GUI Tests
- Understand The Result Files
- Test Scripts in Different Test Environments
- Question & Answers

# Running Automated GUI Tests

- **No** programming skills needed!
- TestTool application can be installed directly with installation of OOo on all platforms
- Documentation “Introduction in Automated GUI Testing” and a “Cookbook” are available for better understanding
- Downloadable **TestTool Environment** packages for nearly all OOo 1.1.x versions available **now**
- Every developer is able to check out via CVS **qa/qatesttool** module to test changes or write own test scripts

# Understand The Result Files

- Printlog (Black)
  - *Information what the test is doing (test documentation)*
- QAErrorlog (Yellow with orange dots)
  - *A known issue which has not been fixed already in the current source tree.*
- Warnlog (Orange)
  - *Showing an error/bug expected by the test script writer.*
- Errorlog (Red)
  - *Unexpected error detected*
  - *Connection to the application lost*
  - *A crash (**G**eneral **P**rogram **F**ailure)*
- Assertion (Yellow with green dots)

*Assertion from the office has been caught by the*

# Test Scripts in Different Test Environments

- Operating System
  - *Win32 has a different path structure (“\” instead of “/”)*
  - *Unix uses many different filesystems (NFS, UFS, EXT\*, ...)*
  - *Unix users using different X-servers, X-Window managers,*
  - *...*
- Language
  - *I: 01 [English], 49 [German] (“Source” language)*
  - *II: 33 [French], 34 [Spanish], ... (European/American)*
  - *III: 81 [Japanese], 82 [Korean], 86, 88 [Chinese], ... (Asian)*
  - *IV: 66 [Thai], 96 [Arab], ... (**C**omplex **T**ext **L**ayout)*
- Installation method
  - *Network installation (normal: UNIX; Citrix, Tarantella,*

# Question & Answers

**Q & A**