Testing Php1

Introduction:

- Timeline
- Testdata
- W3C
- phpUnit
- Click Tests
- Effectivity
- Communication
- Problems

Timeline

- 1.12.2004 Own specification and toolresearch
- 23.12.2004-2005 Testdata
- 23.12.2004-2005 W3C
- 7.1.2005-End phpUnit
- 1.1.2005-End Click tests
- (8.2.2005-SS2005 Testing the Beta)

Testdata

- Sql scripts
- php script on dbAccess
- Constraints
- Global tables

Good:

- Tested dbAccess
- Development of reviewer distribution and paper rating
- Support of 'PHP2' and 'Java' group

Bad:

- Database not global
- Missing definitions for needed data
- Missing feedback from 'PHP2' and 'Java' group

W3C Validating

How?

- Testsites, temporarily

Good

- Reliable design

Bad

- Missing specification
- redirect

phpUnit

How?

- phpUnit (demonstration) for dbAccess functions
- Based on code comments
- Using wrpguest4 installation
- Using test database

Good:

- Repeatable
- Checks dependencies

Bad:

- Lack of specification
- Lack of dependencies
- Code not current/Data not reliable

ClickTests

How?

- Use of the product browsing specification

Good:

- Improvement of role security
- Improvement of functionality
- Enhancements
- Improvements in Help and Forum module

Bad:

- Short time due to delayed implementation
- Not repeatable
- Lacking a beta
- No guarantee for Forum and Help

Effectivity

- About 300 Bugreports
- 99% Click tests
- phpUnit tests prooved not usefull

Communication

- BugZilla (Slow but organised)
- ICQ (Fast but inofficial)
- Weekly meetings (Good but weekly >> extremely slow)

Problems

- See global presentation
- Time limited
- Interest conflicts
- Bugs per day do still rise
- Increasing confusion and panic at the end
- Specification had no binding character
- Lack of authority