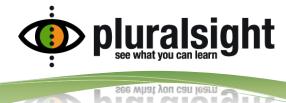
Continuous Integration

Building a Solution



Overview

- Create a simple application
- Discuss recommendations for solution layout
- Setup the continuous integration (CI) server
- Check application into source control
- Build the application on the CI server
- Discuss build failures notification mechanisms



Hello, Continuous Integration





Recommended Solution Layout

```
/src
  /app
    /HelloCI.Core
    /HelloCI.Web
  /test
    /HelloCI.Tests
/thirdparty
  /libs
    /MvcContrib
  /tools
    /NUnit
HelloCI.sln
```



The Software

- IDE
 - □ Visual Studio 2010
- Version Control System
 - Subversion | VisualSVN
- Continuous Integration Software
 - JetBrains TeamCity



Building on the CI Server



Build Failure Notifications

- Tray Notifiers
- Email
- Instant Messages
- SMS
- Team Room Prop
 - Spare Monitor
 - Lava Lamps
 - Traffic Lights
 - Sirens



Receiving a Build Failure Notification



Summary

- Created a simple application
- Discussed recommendations for solution layout
- Configured the CI server to build on check-in
- Discussed build failure notification mechanisms

