



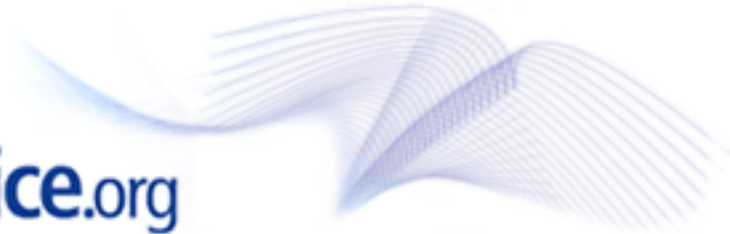
Open Office Plug-ins

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Outline

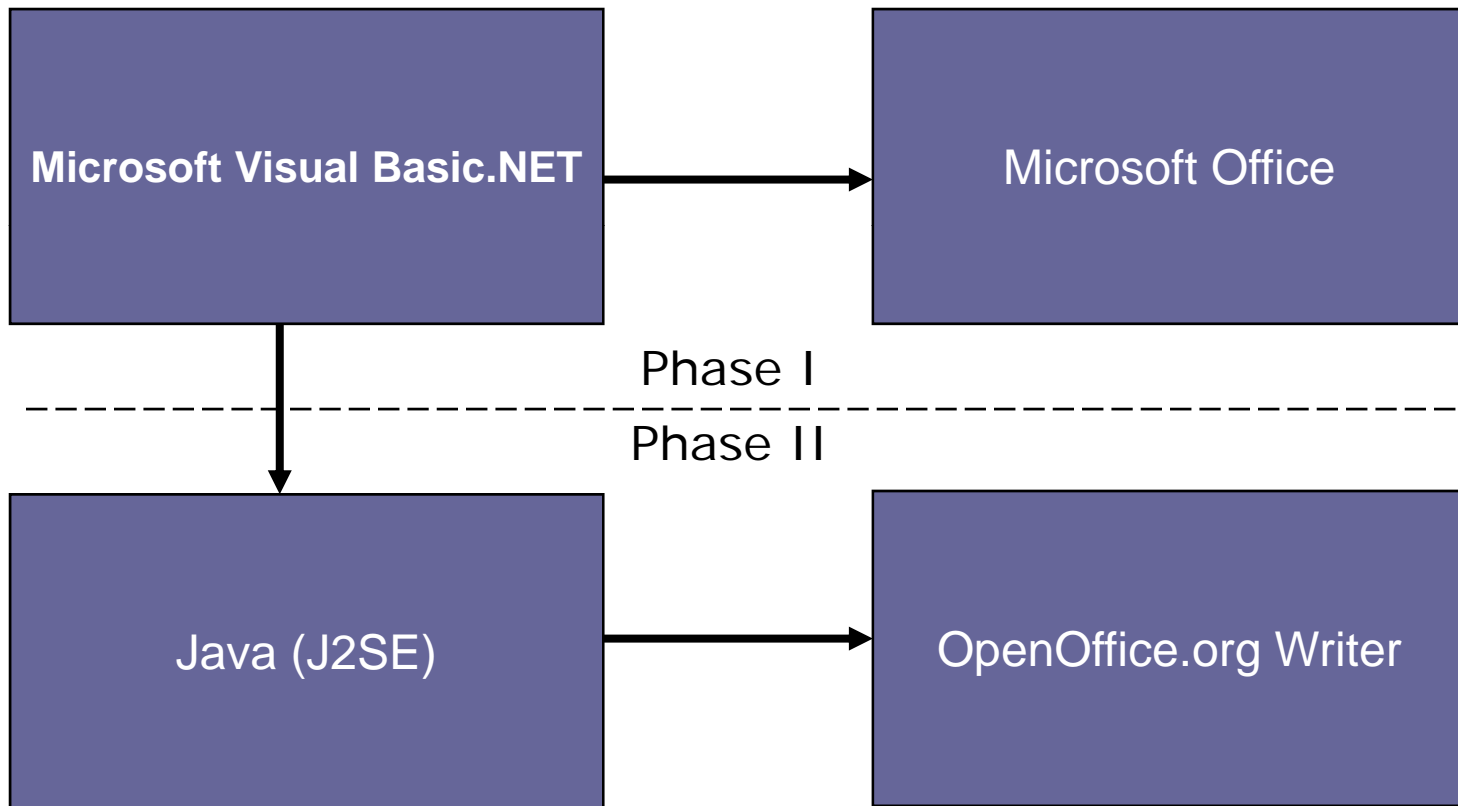
- Introduction to Khmer Applications
- Portability to open source platform
- Open Office plug-in development
- Challenges
- Release



Introduction to Khmer Applications

- Khmer Applications on windows platform
 - Encoding conversion
 - Line Breaking
 - Collation
 - Spell Checking
 - Find & Replace
- Dot Net platform Standalone
- Microsoft Office Plug-ins
- Released in Phase I

Portability to open source platform-I





Portability to open source platform-II

- Purpose of conversion
 1. Open source
 - Application for end users
 - Code release for developers
 2. Availability on Linux OS
 3. OpenOffice.org writer Plug-ins
 - Windows and Linux



Portability to open source platform-III

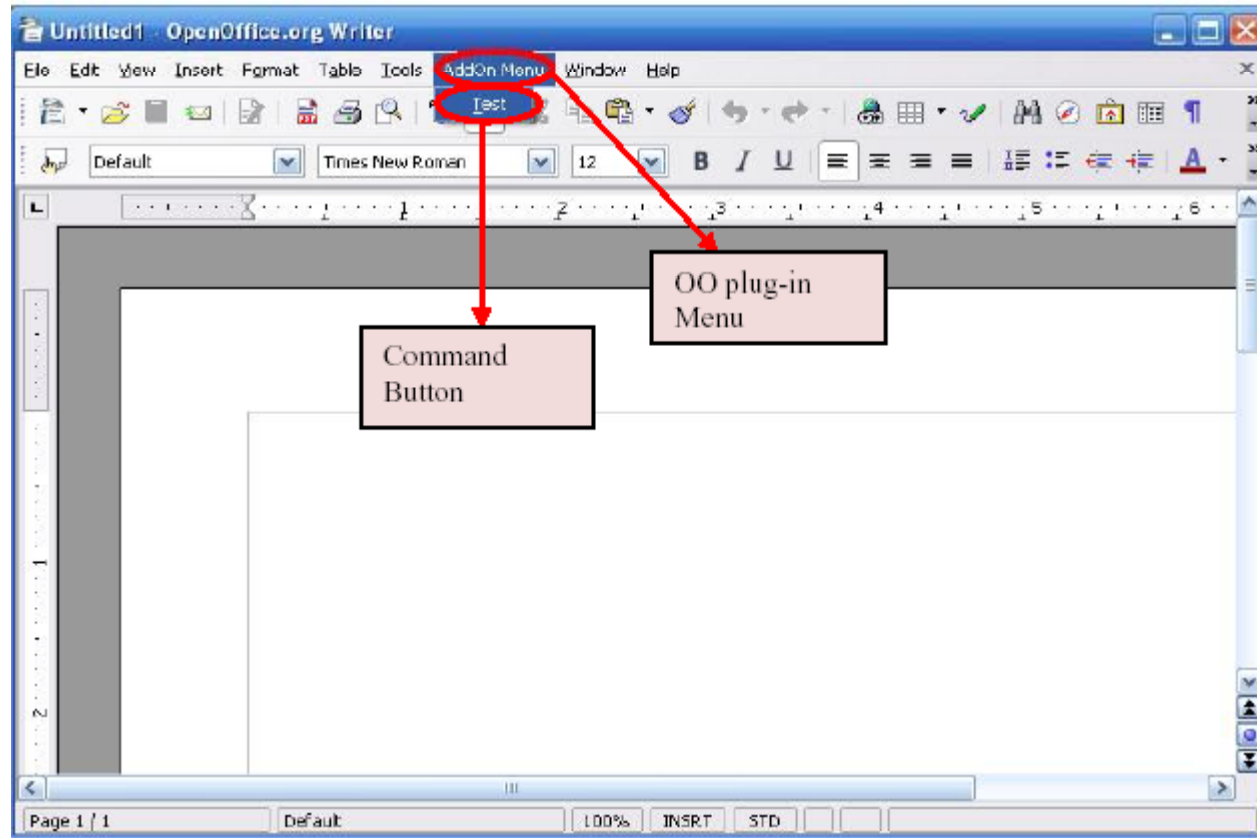
- Methodology
 - Automatic code conversion
 - NetBeans IDE v5.5
 - Net2Java Tool
 - Erroneous method
 - Manual code conversion
 - Eclipse IDE
 - Code structures understanding
 - Design alteration (Pure Object Oriented)
 - Highly Accurate



Open Office plug-in development

- Development environment
 - NetBeans IDE v6.5
 - NetBeans IDE plug-in for OpenOffice.org extension
 - OpenOffice.org v2.3.0
 - OpenOffice.org SDK v2.3.0

Test Plug-in





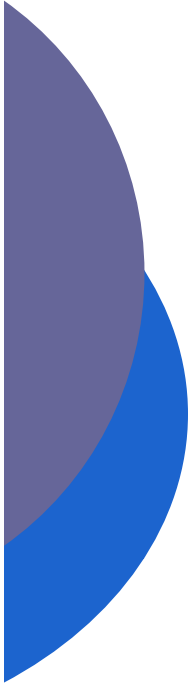
Open Office plug-in development Challenges

- Substantial syntax knowledge of Java is required
- Open Office Document Object Model
 - Text retrieval
 - Text format
- Application Embedding
 - Code
 - Data files



Release

- Open office.org writer plug-ins
 - For version 2.3 (onwards)
- Java Standalone Applications
 - Windows & Debian based Linux
- Step-by-step plug-in development Guide
 - Development Environment
 - Text retrieval



Thank you

