

Intentional UI Modeling

StUIML

Standard User Interface Modeling Language

Agenda

1. What is StUIML and Why?
2. Demo
3. Tools used
4. Demo
5. current StUIML platforms?

Keep track at <http://stui.ml.blogspot.com>

What is StUIML and Why

- PIM level UI DSL
 - ◆ Goal is 100% code generation
 - ◆ Truly platform independent
 - ◆ Production level UI's
- Why?
 - ◆ Repetitive, resource intensive development of UIs
 - ◆ How many UI frameworks can you name (c'mon at least 15)
 - ◆ Target different platforms or versions with the same specs

Demo

Tools Used

StUIML itself

- ◆ EMF
- ◆ OAW: xPand, Extend, (xText under construction)
- ◆ EMFTrans

Supporting tools

- ◆ UML2, OCL
- ◆ GMF
- ◆ Instantiations: RCPDeveloper, WindowBuilder
- ◆ WTP: JSF Tools

Demo

Supported StUIML platforms

Domain model	UI platform
UML2	AWT/Swing
Ecore	JSF (see this EclipseCon session)
Proprietary (UML subset)	MFC (C++)
Proprietary (UML subset)	ASP.Net for SharePoint

Requests are in for:

- SWT/Jface
- Charvar (character based)
- GWT