

Store More Like ENVY

Jan Lukeš

lukes@gehe.cz

Why?

- migration process – from VW3 to VW7
(while still developing ~100 of changes)
- used to ENVY tools
(together with our extensions)

ENVY

- proprietary, hidden source
- repository kept in filesystem, limits in size
- scratch, open editions, versions
- hierarchy – applications, subapplications and configuration maps
- versions for classes, methods
- on-line mode, all changes in repository
- export / import (off-line via filesystem)

Store

- new repository from VW5
- no hidden code
- repository in database
- different architecture for packaging
- hierarchy – bundles, packages
- no direct versions for classes
- only manual publishing

What we are missing?

- on-line mode (on LAN)
(keep as much as possible in repository)
- versions for classes
- colors according to versions
- tool like application manager
(browsing applications+classes)
- better comparing tool

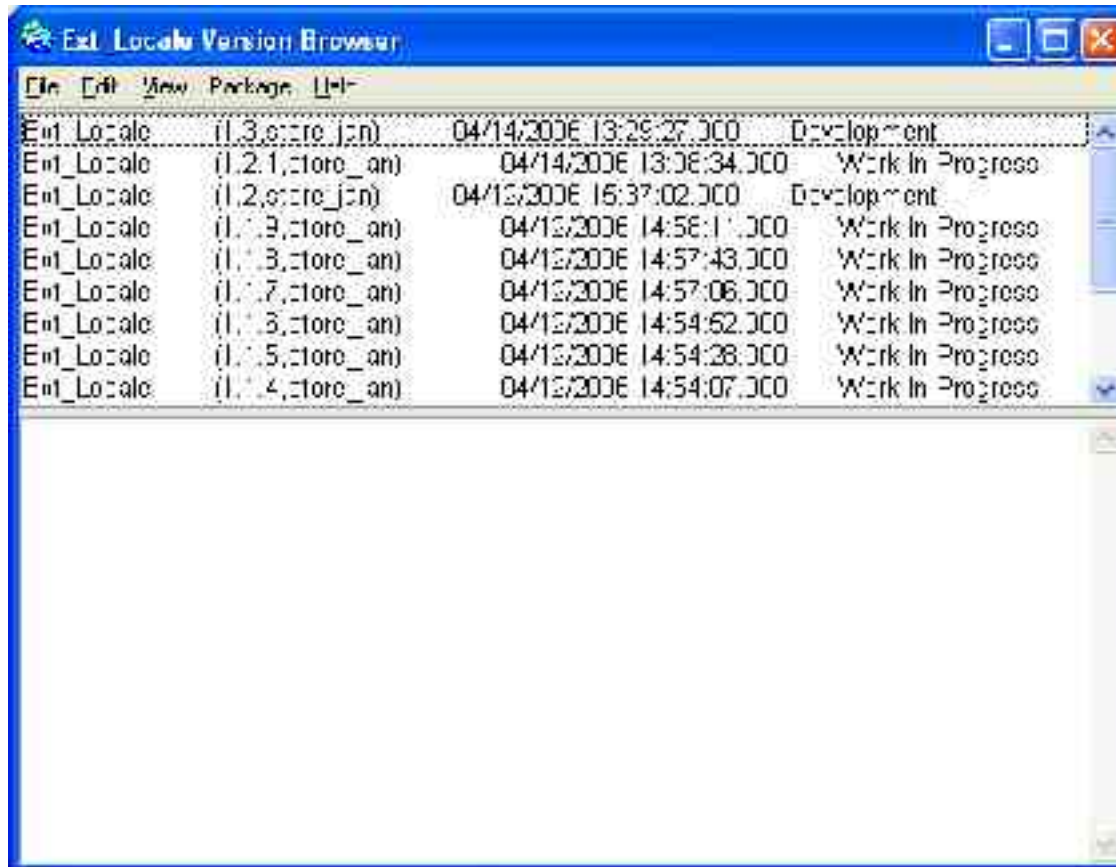
Solution?

- modify Store protocol
- modify just the tools

Our solution

- automatic publishing on accept
(creating sub-version)
- one package for one class principle
- hide packages completely
(bundles more like applications in ENVY)
- hierarchical comparing tool

Example versions - old



The screenshot shows a window titled "Ext. Locale Version Browser" with a menu bar containing "File", "Edit", "View", "Package", and "Help". The main area contains a list of version entries with columns for name, version string, timestamp, and status.

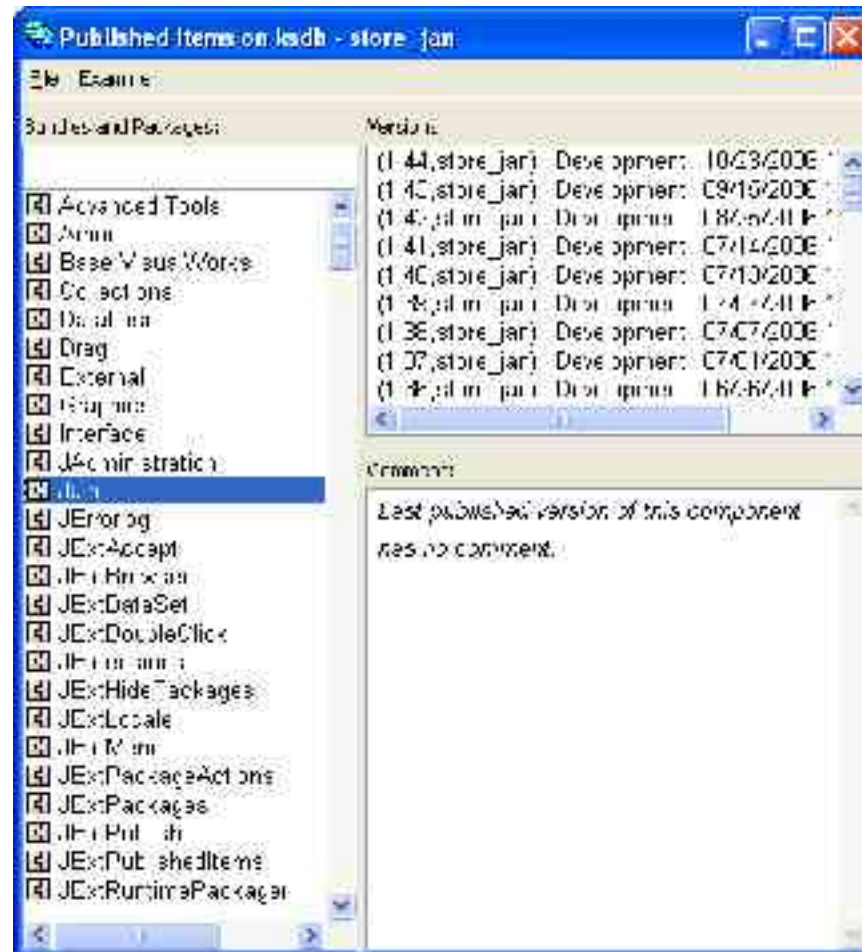
Ent_Locale	(1.3.0:core_jpn)	04/14/2006 13:29:27.000	Development
Ent_Locale	(1.2.1:core_an)	04/14/2006 13:08:34.000	Work In Progress
Ent_Locale	(1.2.0:core_jpn)	04/12/2006 15:37:02.000	Development
Ent_Locale	(1.1.9:core_an)	04/12/2006 14:58:11.000	Work In Progress
Ent_Locale	(1.1.3:core_an)	04/12/2006 14:57:43.000	Work In Progress
Ent_Locale	(1.1.7:core_an)	04/12/2006 14:57:06.000	Work In Progress
Ent_Locale	(1.1.5:core_an)	04/12/2006 14:54:52.000	Work In Progress
Ent_Locale	(1.1.5:core_an)	04/12/2006 14:54:28.000	Work In Progress
Ent_Locale	(1.1.4:core_an)	04/12/2006 14:54:07.000	Work In Progress

Example versions - new



File	Edit	View	Package	Help
Ext_BrowserCodeTool	(1.7_store.jar)	(image)	nl_blessing	
Ext_BrowserCodeTool	(1.7_store.jar)	20.03.2006 1:07:09	Editor	
Ext_BrowserCodeTool	(1.6.1_store.jar)	20.05.2006 0:48:22	Search	
Ext_BrowserCodeTool	(1.6_store.jar)	20.03.2006 0:30:16	Editor	
Ext_BrowserCodeTool	(1.5_bokus_store.jar)	20.03.2006 0:04:53	Editor	

Published items – no contents



Published items - contents

The screenshot displays a software interface titled "Published Items on store_jar". The interface is divided into three main sections: "Bundle and Packages", "Items", and "Contents".

Bundle and Packages: A list of bundles is shown, including:

- Ext.BaseSel
- LicenseInfo
- Ext.BundleB
- Ext.Bundle
- Ext.Bundle
- LicenseInfo
- Ext.Bundle

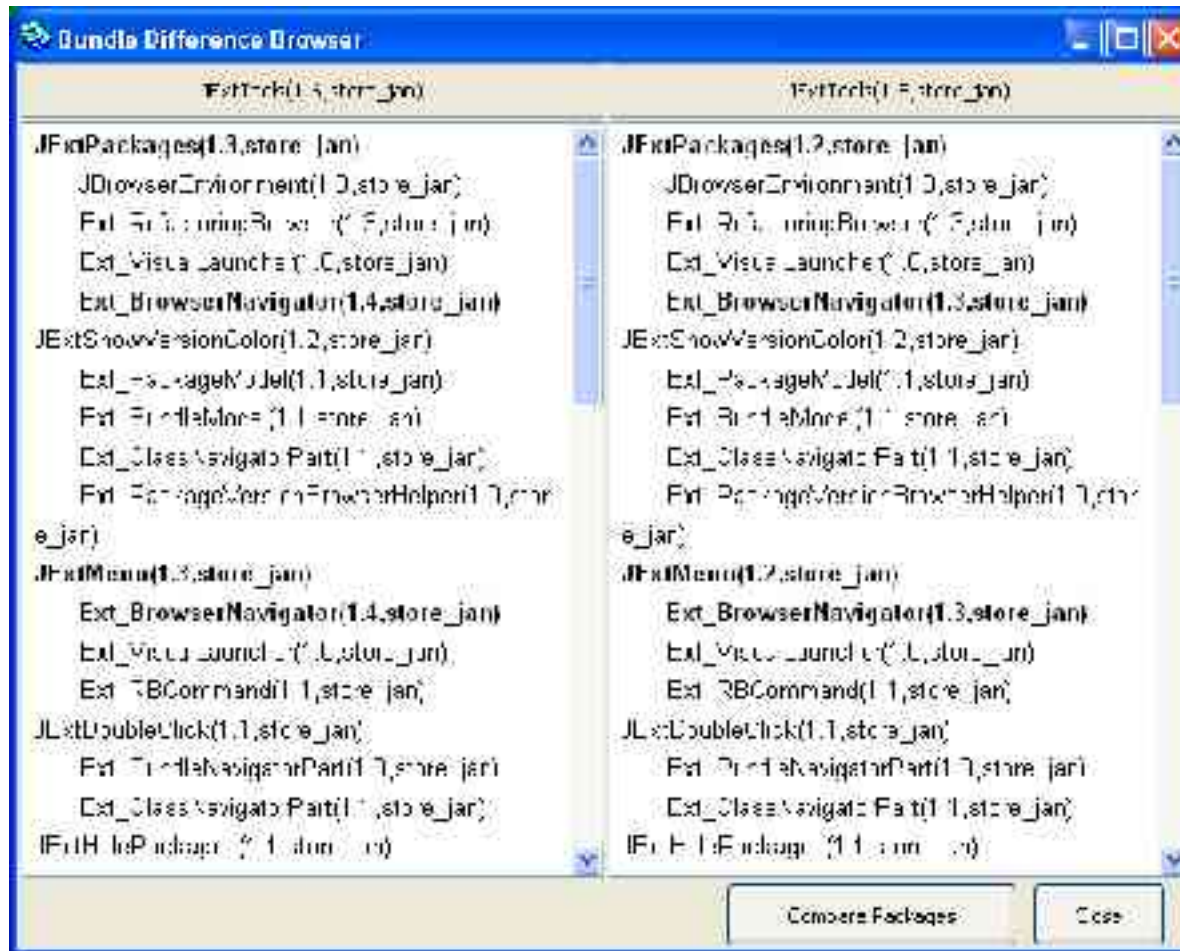
Items: A table lists items with columns for Name, Version, and Date:

Name	Version	Date
image icon (1.0.0,store_jar)		
(1.35,store_jar)	Edt.un	20.03.2006
(1.14,store_jar)	Edt.un	21.11.2005
(1.33,store_jar)	Edt.un	19.03.2006
(1.32,store_jar)	Edt.un	19.03.2006
(1.31,store_jar)	Edt.un	19.03.2006
(1.30,store_jar)	Edt.un	19.03.2006
(1.29,store_jar)	Edt.un	19.03.2006

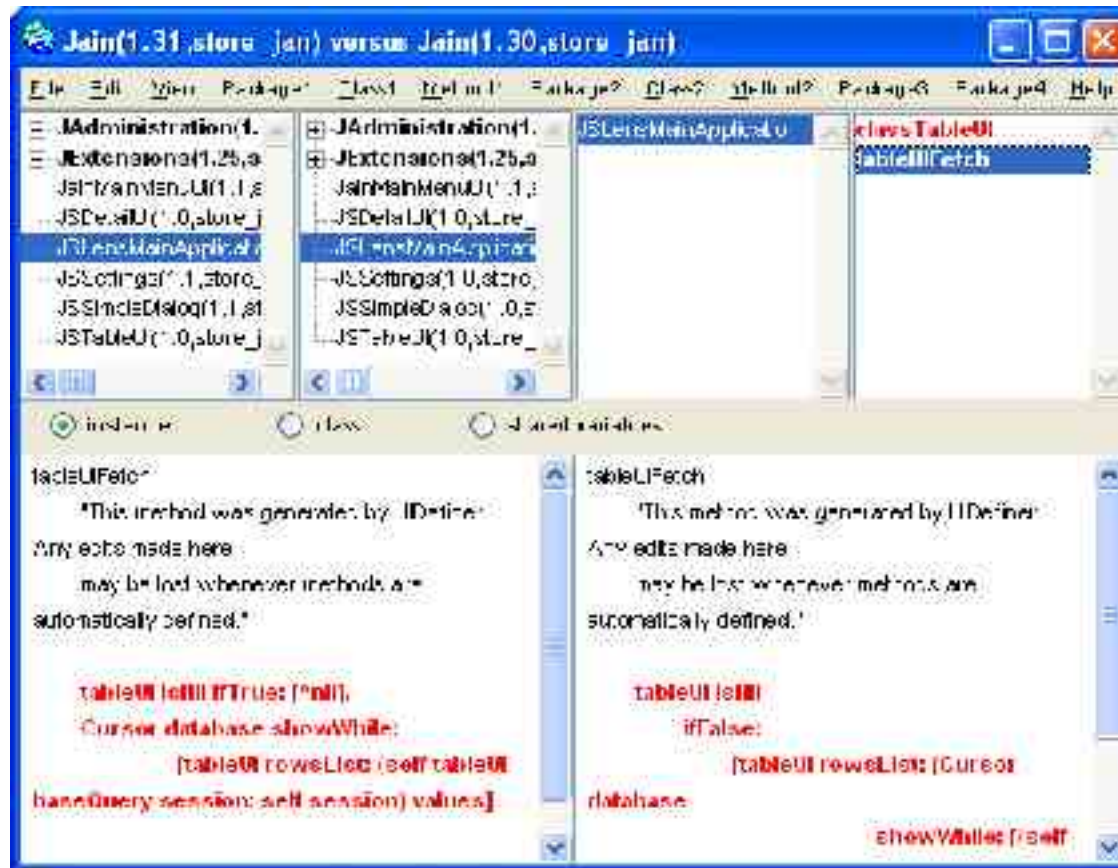
Contents: A list of contents is shown, including:

- Ext.BundleLauncher(1.1,store_jar)
- Ext.BundleLauncher(1.2,store_jar)
- Ext.BundleLauncher(1.3,store_jar)
- Ext.BundleLauncher(1.4,store_jar)
- Ext.BundleLauncher(1.5,store_jar)
- Ext.BundleLauncher(1.6,store_jar)
- Ext.BundleLauncher(1.7,store_jar)
- Ext.BundleLauncher(1.8,store_jar)
- Ext.BundleLauncher(1.9,store_jar)
- Ext.BundleLauncher(1.10,store_jar)
- Ext.BundleLauncher(1.11,store_jar)
- Ext.BundleLauncher(1.12,store_jar)
- Ext.BundleLauncher(1.13,store_jar)
- Ext.BundleLauncher(1.14,store_jar)
- Ext.BundleLauncher(1.15,store_jar)
- Ext.BundleLauncher(1.16,store_jar)
- Ext.BundleLauncher(1.17,store_jar)
- Ext.BundleLauncher(1.18,store_jar)
- Ext.BundleLauncher(1.19,store_jar)
- Ext.BundleLauncher(1.20,store_jar)
- Ext.BundleLauncher(1.21,store_jar)
- Ext.BundleLauncher(1.22,store_jar)
- Ext.BundleLauncher(1.23,store_jar)
- Ext.BundleLauncher(1.24,store_jar)
- Ext.BundleLauncher(1.25,store_jar)
- Ext.BundleLauncher(1.26,store_jar)
- Ext.BundleLauncher(1.27,store_jar)
- Ext.BundleLauncher(1.28,store_jar)
- Ext.BundleLauncher(1.29,store_jar)
- Ext.BundleLauncher(1.30,store_jar)
- Ext.BundleLauncher(1.31,store_jar)
- Ext.BundleLauncher(1.32,store_jar)
- Ext.BundleLauncher(1.33,store_jar)
- Ext.BundleLauncher(1.34,store_jar)
- Ext.BundleLauncher(1.35,store_jar)

Comparing - before



Comparing - after



Future work

- better integration
- modify Store protocol?
- filter-out versions by level
- export / import
- moving and renaming classes
- cleaning of minor versions