

Plugin Manager/Autoupdate

**Yesterday, Today and
Tomorrow ...**

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Agenda

- Case-history of Autoupdate feature
- Plugin Manager
- Autoupdate API
- Future plans
- HOWTOs
- Q/A

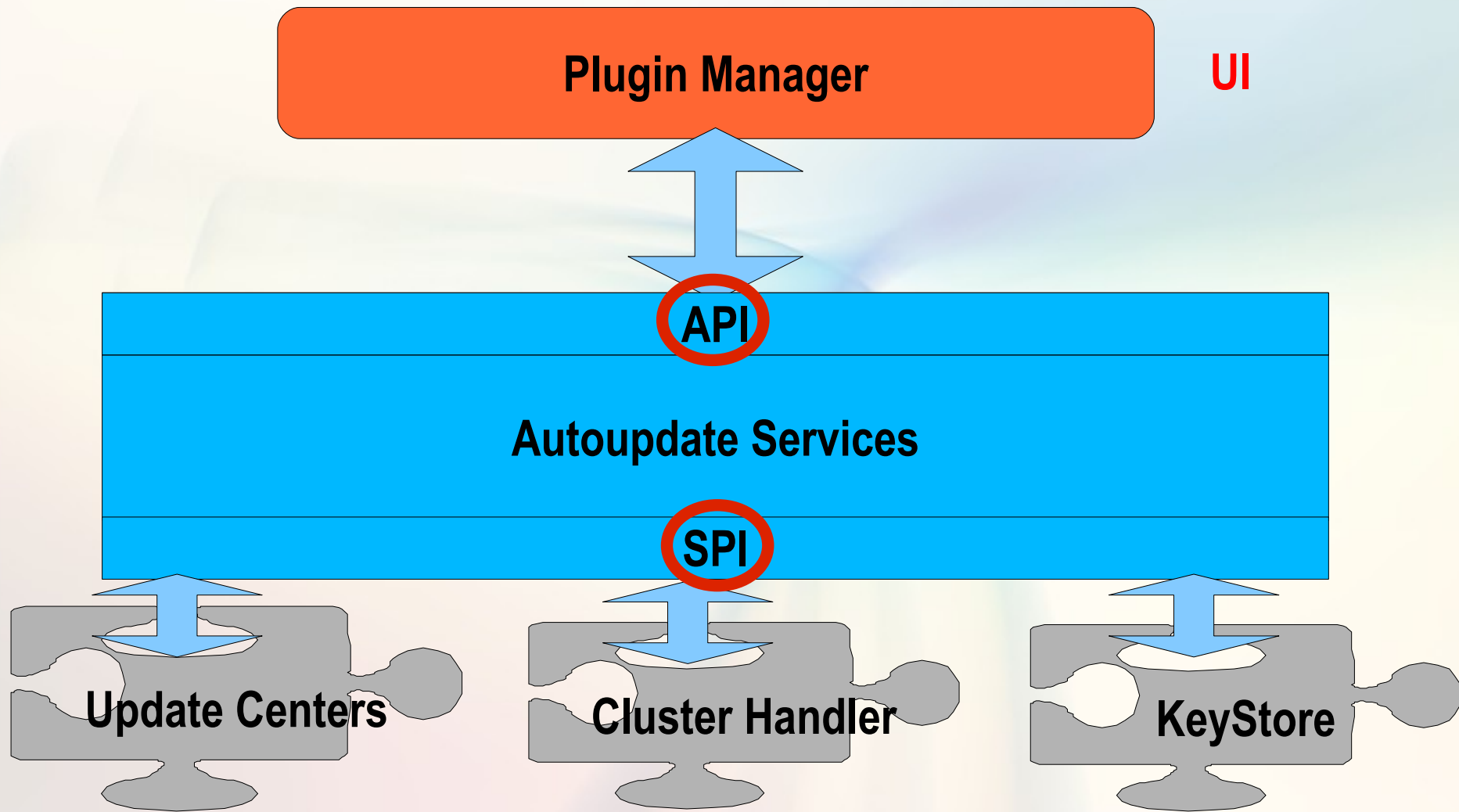
Autoupdate Story

- A static XML catalog
- NBM archive file
- Update Center Wizard
- Installed Modules browser
- Problems:
 - > cannot differentiate Updates or New
 - > old school UI
 - > too many infrastructure modules
 - > ask INET access for each operation

Benefits of new approach

- Transparent which is Update or New one
- Show What You Want
- One UI for Install or Available
- Support of Offline mode for some operation
- New possibilities
 - > Search capability
 - > Managing Update Centers
 - > Help|Check for updates...
 - > etc.

Overall architecture



Autoupdate API

- Introduced in NB6.0
- Marked as stable in NB6.1
 - > No API changes between NB6.0 and NB6.1
- Browsing Update Center content
- Installing new plugins
- Uninstalling new plugin
- ...
- Possible to build on Autoupdate API
 - > Missing Modules Resolver
 - > Feature On Demand

Future Plans

- All the time
 - > **performance**
 - > make API as user friendly
- Should have in NB6.5
 - > Import Plugins between releases
 - > Verification 3rd party plugins against CA
- Nice to have
 - > Major Upgrade of IDE
 - > many dependencies!!!
 - > Missing Module Resolver
 - > Feature On Demand

HOWTOs

- Hide a plugin
 - > a manifest tag `Show-In-Autoupdate-Client: false`
- Platform Specific Plugins
 - > a tag in Update Descriptor
`OpenIDE-Module-Requires=`
`"org.openide.modules.os.MacOSX"`
- Rate download of plugins
 - > already collected on UC servers
 - > <http://nbstatistics.czech.sun.com/webalizer/dlc.sun.com/n>

Bottleneck of Plugin Manager

- Supporting Testament of Plugin (RFE#75716)
 - > needs input
 - > Autoupdate API during `ModuleInstall.closing()`?
 - > Autoupdate calls deprecated `ModuleInstall.uninstalled()`?
- Install Runtimes
 - > **untested** support in Autoupdate API
 - > support for native installer in Autoupdate SPI
 - > `org.netbeans.spi.autoupdate.CustomInstaller.install()`
 - > <http://jupiter.czech.sun.com/wiki/view/Coreteam/NbiUseAutoupdateSpi>

- Questions?

More info

- Mail
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