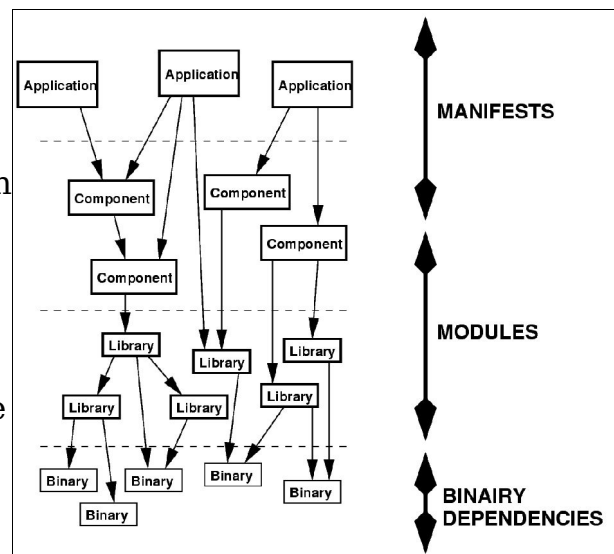


Toolforge's KARMA - component and release management

Divide (your source code) and Conquer (your release problems)

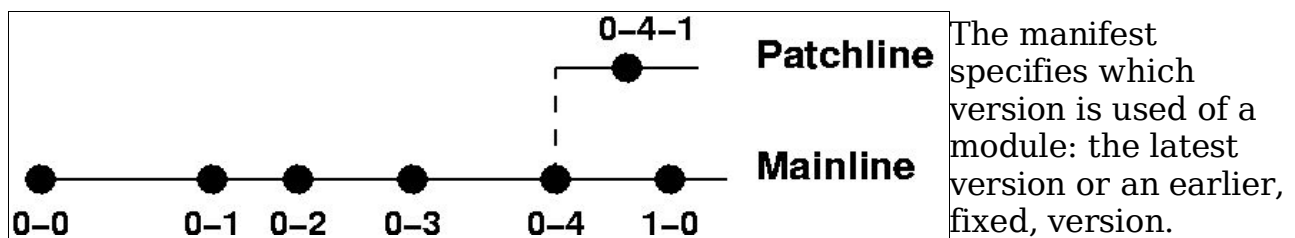
Component management

Divide the source code of your applications in components by storing it in multiple modules. Modules are combined into a component or application by listing them in a manifest. Once a manifest is loaded into Karma it offers functionality to retrieve the modules from your version control system, change them, promote the version and making packages from them.



Version management

By applying version management to your modules, Karma adds another level of configuration management to your source code. Secondly, it generates a more stable development environment by allowing developers to only use tested code instead of all checked in code.



Release management

Create a release manifest from a development manifest. This release manifest contains fixed versions of modules, which together form a releaseable component or application.

Easily go back to a previous release by selecting the corresponding release manifest. Karma automatically checks out the correct versions of modules.

Make bugfixes to your release. Karma creates a pathline in which to make the bugfix.

Build support

Karma offers support for building Java source code to an application (either stand-alone or J2EE). Deploy, run or distribute your packaged application.