

Pan Compiler Status and Roadmap

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Status—V8 Series

- V8.4.7
 - Fix for windows localization logic
- V8.4.6
 - Fix dependency algo. for ns object profiles
- V8.4.5
 - Warnings for all V9 deprecated feature
 - “prefix” added to pan language
- Earlier, see README...

Status—V9 Series

- V9.0.0 (development)
 - Trunk version already prepared and working
 - Available few weeks after workshop
- V9.2.0 (early summer)
 - “Fixed” generation of annotation output
 - Updated ant tasks, maven plug-ins
 - Refactored command-line script/class

V9 Series Roadmap

- Streamlined, simplified code...
 - Critical look at features
 - Remove platform dependencies
- Investigate use of clojure...
 - Clojure: lisp over standard JVM
 - STM is better impl. of memory mgt. in panc
 - Agent model very similar to panc task mgt.
 - Easy “memoization” of e.g. file system stats

Migrating to V9

- Prepare:
 - Use V8.4.7 with deprecation warnings
 - Use switch to turn warnings to fatal errors
- Deprecated V8 features
 - Bare word includes
 - Lowercase automatic variables
 - Old external path syntax
 - Deprecated panc options removed
- Annotations
 - Options changed to deal with ns issues

Support

- V8.4.7 is “last” release of V8 series!
 - Supported and maintained.
 - Serious bugs will be corrected.
 - No new development in V8 series.
- V8.2.x and previous releases
 - Unsupported, upgrade.
- V9 series
 - All new developments in these releases.
 - First releases backward compatible with V8.4.7.

Discussion

- Roadmap
- Problems, feedback, etc.