

Pan Compiler

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- **V7 series (deprecated)**
 - Very strong recommendation to move to V8 series.
 - Pan configurations now depend on V8 features.

- **V8.2.7 (15 February 2009)**
 - Latest version at last Quattor Workshop
- **V8.2.8 (18 April 2009)**
 - SF RFE #2213843: ant task switch to ignore certain deps.
 - SF BUG #2714229: recursively add deps. for value() function
- **V8.2.9 (17 September 2009)**
 - SF BUG #2860089: fix namespaced object template syntax
 - SF RFE #2821902: correct SVN URL in docs.
- **V8.2.10 (3 October 2009)**
 - SF RFE #2871382: binary data lead generated invalid XML files
 - SF RFE #2718551: implement file_contents() function
 - SF RFE #2806721: add digest() function
 - SF BUG #2806732: cross-ref. path syntax in docs.

- **Entitlements/Authorization**
 - On hold, will progress faster if QUEST is accepted
- **Internationalization**
 - Progressing, files modified as other changes are made
- **Performance enhancements from MS**
 - File handle clean-ups.
 - Batching of builds or use of weak references in caches.
- **Eclipse Pan Editor**
 - Simple prototype exists with syntax coloring
 - Works under Eclipse 3.2 but not under 3.5
- **Eclipse Pan Debugger**
 - Preparing implementation to allow interactive debugging
 - Bulk of work will be done in QUEST

- **Incompatible change to dependency file needed**
 - Full support for `file_contents()` and `exists()` dependencies only possible with the new format.
 - Needs simultaneous release of ant task.
 - Other tools will need to be modified to use new format.
 - Prefer 8.4.0 or 9.2.0 (removes deprecated features)?
- **Contemplating change from ant to maven2**
 - Ant build files are extremely complex and externals handling is rather a kludge.
 - Maven2 (after code reorganization) would be simpler and allow easier inclusion/upgrades of external dependencies.
 - Maven2 is also a possible solution for multi-language build.
 - Does this pose a problem for anyone?