



Enabling Grids for E-science

Pan Compiler

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- **SourceForge Migration:**
 - Code hosted on SourceForge since v8.2.6.
 - All bug tracking moved to SourceForge trackers.
- **V7 series (deprecated)**
 - Please migrate to v8.
 - Newer code starting to depend on v8 features.
- **V8 series (production)**
 - Latest release v8.2.7 (15 Feb. 2009).
 - Annotations, compatibility with CDB (v8.2.3).
 - Selective debugging (v8.2.4).
 - Append/prepend functions (v8.2.7).

- **Outstanding bugs:**
 - Race condition in validation.
 - Corner cases with “unintuitive” behavior.
 - Enforce final flag in structure templates.
- **Enhancement requests:**
 - “Restricted” include (aka authorization, entitlements).
 - Remove deprecated features (argc, ..., include bare_word).
 - Add performance tips to documentation.
 - Support XInclude directives.
 - Add OBJECT to debug() and error() output.
 - Add prefix/define statements to shorten literal paths.
 - Internationalize error messages.
 - Enable/disable debugging from within pan.
 - Allow include to take a list.

- **Who's using which version of the compiler?**
- **Other bugs/enhancements?**
 - Better eclipse integration: editor, debugger, ...?
- **Restricted include statements**
 - Allow the scope of configuration tree changes to be specified when including a template.
 - Specify allowed area(s) of tree? Restricted area(s)? Both?
 - Can '/a' be fixed but '/a/b/c' be changed?
 - Allow wildcards and/or regular expressions?
 - What syntax for the include?