



art news

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art 2.09.02

- A bug-fix release of *art* has been requested:
 - *art*'s dictionary-checking not yet updated to reflect new ROOT support for `std::array`.
 - When retrieving memory information on Linux, we make an unnecessary `popen` call instead of `fopen`, which causes problems with profilers.
- Can tag relatively soon.

Removing “!” and “-” prefixes for producer labels in paths

- Filters event-level functions return true (pass) or false (fail), indicating whether the next module in the path should be visited.
- These values can be inverted (!) or ignored (-) to change the behavior of path processing:
 - p1: [a, “-c”, d] (ignore return value of ‘c’ – assign true)
 - p2: [“!a”, b] (invert return value of ‘a’)
- Even now, the ‘!’ and ‘-’ characters can also be applied to producers.
 - If ‘a’ is a producer (which always returns true), then ‘b’ will not be run.

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 - If ‘a’ is a producer (which always returns true), then ‘b’ will not be run.
- **We propose that applying the ‘!’ and ‘-’ characters to a producer should be a configuration error.**

New TFileService facility

- Scheduled for *art* 2.10
- <https://cdcvs.fnal.gov/redmine/issues/18058>

Apple OS support

- macOS High Sierra is now supported by Fermilab
 - It is not yet supported by *art*.
- There are issues with dependent products that need to be resolved.
- Once we are sure those have been addressed, then we intend to support High Sierra.
- No current *art* releases will support High Sierra.
- OSX Yosemite will no longer be supported by Fermilab as of Nov. 10.