

Newfile macro

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- Motivation
- Implementation



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Motivation

Providing a macro for setting Scan ID and Scan file path and name

- Triggered by D. Schick (based on SPEC)
- Old idea was there, but implementation delayed by lack of time



Implementation

Newfile macro arguments:

- **ScanFilePath:**
 - composition of scan file directory and name
 - repeat parameter (list of [ScanDir/]ScanFile)
 - **ScanDir:**
 - optional (if not given in first element and not set error thrown)
 - absolute path and existing in MS host (if not error thrown)
 - only one is allowed (if several given error thrown)
 - **ScanFile:**
 - obligatory
 - several files with different names can be given (if name repeated in the list error thrown)
- **ScanID:**
 - value before upcoming scan number (next scan ID+1)
 - optional parameter (default value 0)
 - not checked for validity (current situation when using senv)



Implementation

Admit hooks:

- macros in hook place post-newfile called at the end
- ex. use: configuration of detectors (waiting for SEP2)

