

Conversion Tools - Feature #4644

add incremental reporting support

05/14/2020 04:08 PM - Constantin Asofiei

Status: New	Start date:
Priority: Normal	Due date:
Assignee:	% Done: 0%
Category:	Estimated time: 0.00 hour
Target version:	vendor_id: GCD
billable: No	
Description	
Related issues:	
Related to Database - Bug #3471: incremental conversion is regressed	Closed

History

#1 - 05/14/2020 04:08 PM - Constantin Asofiei

- Related to Bug #3471: incremental conversion is regressed added

#2 - 05/14/2020 04:12 PM - Constantin Asofiei

- Subject changed from add incrementa reporting support to add incremental reporting support

[#3471](#) added support for incremental conversion.

For large projects, reporting can take more than 7 hours to complete. Add support in FWD for updating the reporting database, if running the reports in incremental mode.

What is needed:

- for files which have an existing AST (i.e. were picked up as changed), before starting the parsing phase, we need rollback all its usage from the reports (i.e. a kind of 'backwards' reports, where instead of adding information to the rptdb we remove it). Same needs to be done for the callgraph.
- from this point, parsing will pick up all changed or new files and do its job
- once the code, report and callgraph start, it will process these files as if they are new
- an approach for the deleted files... this may be tricky.