

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:		version:	
billable:	No		
vendor_id:	GCD		
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.