

Conversion Tools - Feature #3265

enhance pphints to have references, expansions and details in and about directives

03/15/2017 09:52 AM - Greg Shah

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			

History

#1 - 03/15/2017 09:58 AM - Greg Shah

The pphints mechanism was deliberately implemented to only contain information regarding code that exists in the fully preprocessed output.

The unfortunate result of that choice is that we lose a great deal of information about:

- how preproc directives executed and the choices that the preprocessor made (e.g. conditionals)
- expansions (references and includes) that occurred inside preprocessor directives
- expansions (references) that occurred inside an include reference
- scoped and global defines at each level of the processing

Providing these details would make it much easier to debug. It also would allow for interesting analyses to be calculated (e.g. all locations where a SCOPED-DEFINE is referenced).