

- Context :
 - ASTRIUM Sat has deployed TOPCASED UML editor (+ Acceleo for code generation + Gendoc for documentation generation) with very “classical views” like class diagrams.
 - This tool suite is used by several teams on different projects in France (20 people), and has to be deployed soon in Germany and UK.
 - After initial learning curve & trainings, methodology refinement and some problems/ enhancements on the tool, TOPCASED UML is satisfying both methods & tools / SDE teams and developers teams.
 - Today we are evaluating MDT Papyrus UML editor to prepare migration from existing TOPCASED UML editor to MDT-Papyrus UML editor. This migration was planned on 2012 after TOPCASED 5.2 version delivery.



- Issues on MDT Papyrus UML editor
 - MDT Papyrus editor includes some “functional regressions” in term of features compared to existing TOPCASED one.
 - MDT Papyrus editor is not at the right level of test maturity and quality level expected for ECLIPSE and POLARSYS objectives.
 - As end-user we have very few visibility and more important no “gouvernance” or “control” on what, when and who will implement and deliver some MDT Papyrus bugs and features we have identified.
 - In addition we are not sure to understand well the organisation of this component development between CEA and other teams.

We have limited confidence in this component today and are not ready to migrate and deploy it in our projects.



- Issues on TOPCASED UML editor
 - It seems that we are very few or perhaps the only end-user to deploy and operationally use the TOPCASED UML editor (based on bug-tracking and features).
 - It was planned not to maintain this component and to rely for new applications and for migration on MDT Papyrus one.
 - Both can explain that low priority and effort are allocated to TOPCASED UML editor modifications.

We are very satisfied by this component but current roadmap and end-user landscape make us doubtful about next strategy step and lifetime.



OPEES – POLARSYS

ASTRIUM Sat Issues about Topcased UML/Papyrus MDT

- Possible actions within OPEES/POLARSYS
 - Organise special CCB meeting on TOPCASED UML and MDT Papyrus status, then regular CCB meetings.
 - Address and fix MDT Papyrus editor component issues about governance, maturity and quality for deliveries within POLARSYS and ECLIPSE.
 - Elaborate a detailed view on TOPCASED UML editor end-users.
 - Analyse and adapt roadmaps on both components.
- Possible actions for ASTRIUM Sat
 - Being involved in all those OPEES/POLARSYS actions.
 - Analyse risks for our UML editor strategy and possible back-up solutions like being committer on TOPCASED UML editor.

This key use case is strategic for ASTRIUM Sat business but is also critical for POLARSYS credibility and eco-system development, also for definition and validation of many POLARSYS processes

