Appendix Q

ESATAP 2.0.0 Status and evolution of developments dedicated to thermal end users

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Abstract

ESATAP is a post processing tool for large sets of thermal result data in STEP-TAS/STEP-NRF datasets. ESATAP 1.0.2 was presented at the last workshop.

Since last year feedback and requests of users have been taken into account to make the new version more robust and user friendly.

ESATAP 2.0.0 will be released end of 2009 and will provide:

- A Wizard mode to guide the user step by step while processing a task.
- New plot component allowing faster and easier analysis of min-max temperatures on single or multiple cases.
- A check mode simulating and validating processes (tasks) before launching the real execution.
- Enhanced performance for handling large datasets (enhanced loading and merging capabilities).







- A checking mode, allowing users to validate consistency of all component controls before running a task.
- A direct link with THERMISOL (EADS Astrium) via optimized STEP-TAS/NRF HDF5.
- Performances have been enhanced to increase speed of model loading and datasets merging

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If clicking on the picture above does not run the movie then try opening the file 'movies/ESATAP-video.html' manually.











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	Loading Model	3 secs	10 secs (including preload task)					
	Reading Model content	912 secs	17 secs					
	Reading results in 4 datacubes	1,37 secs	0,64 secs					
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	Conclusion	in the second						
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	 ESATAP 2.0.0 will be available at the end of 2009 							
	 Licenses requests may be done from now support@esatap.com Demo & Videos The training exercises will be available soon in November on the web site http://www.esatap.com. 							
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