

Optimized difference matrix algorithm, bugfixing and new preprocessing methods in MEval R1.5.1

Berlin, February 2006 – IT Power Consultants always strives for offering high quality tools supporting the development of automotive control unit software.

The tool MEval enables to conduct automatic test evaluation in MATLAB® / Simulink® by signal comparisons. The algorithms implemented in MEval were especially developed for the analysis of embedded software and consider the specific requirements of continuous signals. That way, measuring data from different sources such as model, test stand or road trial can be proved for their functional correctness (so-called back-to-back tests) or different versions of a test object can be tested (so-called regression tests). Especially the difference matrix algorithm for preprocessing the signals enables to analyze differences in time and amplitudes separately.

The new release MEval R1.5.1 fulfils customer requests and has bugs fixed in the differences matrix algorithm as well as in the MEval Batch GUI.

The preprocessing method „partition synchronize on trigger“ has been extended by two more variants: Now, triggering on the signal characteristics minima and minmax is possible. With these added triggering variants the user has a wide range of preprocessing methods, where he can choose the appropriate method for his application from.

About IT Power Consultants

IT Power Consultants combine convincing core-competencies from the field of quality assurance and the development of software-development tools to innovative services and products for software development in the automotive industry. For additional information, visit www.itpower.de.

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