

New release MEval R1.5 with higher performance, new comparison algorithm and new component for the generation of HTML reports

Berlin, October 2005 - IT Power Consultants now released MEval R1.5. Automated signal comparisons can be conducted in a faster way by the improved, high-performance difference matrix algorithm. The new release features a new algorithm called "dynamic adaption" which was developed for the comparison of discrete signals. Moreover, a new component for generating HTML reports was added.

The difference matrix algorithm in release 1.5 allows to accomplish signal evaluations in shorter time by reducing the computing time up to 40%. In former releases the signal length had to be restricted. With the new release and its high-performance difference matrix algorithm it is now possible to compare and evaluate signals with several ten thousand measuring points.

A further novelty in MEval R1.5 is the algorithm "dynamic adaption". This algorithm is ideal for the evaluation of discrete signals where some time shifting is allowed.

MEval R1.5 features the new functionality of report generation. By a command line a test report in HTML format can be generated from the batch result. The HTML report contains an overview of all accomplished signal evaluations and detailed information about as well as a snapshot of every single signal comparison.

MEval supports the test evaluation in MATLAB / Simulink by automated signal comparison. The algorithms implemented in MEval were especially developed for embedded software. Thus, they consider the special requirements of evaluating continuous signals. MEval offers an outstanding innovative algorithm for the preprocessing of signals, which allows the separated analysis of time shifts and amplitude deviation between two signals.

The tool can be deployed for regression tests where the output signals from different versions of the test object have to be compared to each other. Also for back-to-back tests MEval is an appropriate tool. The equivalence between two representation forms of a system (e.g. between model and the program code generated out of it) has to be proved.

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.

Contact

IT Power Consultants
Gustav-Meyer-Allee 25, Building 12
13355 Berlin, Germany

Mrs. Meike Lim

Phone: +49 - (0)30 - 46 77 69 46

Fax: +49 - (0)30 - 46 30 76 49

Email: meike.lim@itpower.de

Web: <http://www.itpower.de>