

New release MEval R1.4 with improved algorithms for the automated test evaluation in MATLAB / Simulink

IT Power Consultants now released MEval R1.4, an improved version of the tool supporting the automated test evaluation in MATLAB® / Simulink® by signal comparisons.

Revised in MEval R1.4 are the parameter settings for the algorithms which were especially developed for the comparison of continuous signals of embedded systems. Moreover, the functionalities offset, deriving the parameters from the reference signal and significance for tuning the thresholds can be set independently of the chosen comparison method. MEval R1.4 features an improved graphical user interface.

MEval supports the automated 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) have 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>