

ecSTYLE - Style Guide Checker - Checking of Modeling Guide Lines for Simulink Models according to MAAB

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Martinsried/Munich, Germany, April 20 2009: ExpertControl announce ecSTYLE, a flexible software package for checking Simulink models if they conform to programming style guides such as the MAAB style guide. Automatic corrections are supported as well..

In model-based design, The MathWorks, Inc Simulink® software is widely used. Models are often developed in teamwork, therefore it is important that all participants follow given guidelines to avoid misunderstandings and increase the readability and reusability of the models. For example in the automobile industry, common guidelines are the (J-)MAAB guidelines.

As models can grow very complex, checking that guidelines are followed by hand can be very cumbersome and erroneous. ecSTYLE checks the models to see whether the models conform to a certain subset of the (J-)MAAB guidelines, and if possible, do corrections automatically on user's demand.

ecSTYLE is a powerful extension of software tools already offered by ExpertControl:

- (a) ecVERSIM – Front-End for Version Control of Simulink Models at Subsystem Level for Concurrent Software Development with Multiple Users,
- (b) ecDIFF – Graphical Differencing / Model Compare and Merge of Simulink / Stateflow Models

To get datasheets for these products and for additional information, please visit www.expertcontrol.com. Application notes from different application areas are available as well. To receive these, please contact ExpertControl at info@expertcontrol.com and briefly explain the area you are working in so that we're able to select the appropriate application notes.

About ExpertControl:

ExpertControl (www.expertcontrol.com) is developing and marketing powerful engineering software tools for standalone use and for various development environments including LabVIEW, The MathWorks, Inc. MATLAB® and Maple. In the control design context, EC is focusing on providing automated software solutions for different application and industry areas, especially where reliable and high quality results are needed in very limited amount of time. EC is based in Martinsried/Munich, Germany, and operates with distribution partners in USA, Japan, Korea, China, Taiwan und Israel to support the products worldwide.

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