

Innovations in Release 5.2

Real-Time Testing with AutomationDesk 1.4

For hardware-in-the-loop (HIL) simulations that require maximum timing precision, AutomationDesk offers a new solution in the form of Python scripts. These run on the processor of the HIL system in real time, synchronously to the model, so that test actions can also be performed on a real-time basis.

Easy Handling of Large LIN Setups

The new RTI LIN MultiMessage Blockset is used to check and configure all standard and diagnostic frames from a Simulink® block. This reduces model size and also cuts the time taken by code generation and the build process. The blockset can be used both for rapid control prototyping and for HIL simulation, and supports the LIN 1.3 and LIN 2.0 standards.

ControlDesk 3.0 with CAN Navigator

The CAN Navigator integrated in ControlDesk 3.0 visualizes the CAN bus communication in simulation

models, thereby bridging the gap between implementation and experiment software. Users therefore have both improved visualization and faster access to messages and signals.

Bypassing via CCP

RTI Bypass Blockset 2.2 has new features for function prototyping by means of bypassing, allowing a CAN Calibration Protocol (CCP) implementation already available in the electronic control unit (ECU) to be used. The bypass hook requires very little modification to the ECU code, or even none at all.

AUTOSAR with TargetLink 2.2

TargetLink 2.2 supports the model-based design of AUTOSAR ECUs, thereby providing the transition from behavior model to AUTOSAR software component. In addition, users can now simply click to navigate between model blocks and associated code patterns in both directions, which considerably facilitates code and model reviews.

- **dSPACE Release 5.2 available on DVD**
- **New product versions**
- **Extended Functions and Application Areas**

For more information, visit www.dspace.com/goto?releases

TV Summer 2006

Temperatures for dSPACE customers and employees in the northern hemisphere are currently rather on the low side. So what could be nicer than to look back at summer 2006, when we had brilliant weather to

"We never thought we would get as big as we are now. We couldn't foresee that our customers would require the quantity of things that we make today. It's good that it's like that, but you have to work hard to make sure it stays that way."

**Dr. Herbert Hanselmann,
dSPACE founder and President**

enjoy not only an exciting FIFA World Cup, but also – we think – an exciting TV report on dSPACE. One of Germany's largest and most successful TV stations, ZDF, broadcast live from dSPACE's Paderborn facilities.

Presenter Ralph Goldmann's probing interviews gave viewers an intriguing glimpse behind the scenes at dSPACE. The program included reports and interviews, and showed how dSPACE, as a medium-sized company, became "world champion" in vehicle software in the age of globalization.



For the complete report, please see www.dspace.com/goto?ZDF_e