



Spring 2011 Volume 17, Number 1

Against All Odds

Despite rolling blackouts, food shortages, and other inconveniences that have afflicted Japan in the wake of the March 11th earthquake and tsunami, DSI's representatives at Y-Max have been rock solid, supporting eXpress users in Japan without interruption. We'd like to give a big "shout out" to Y-Max in appreciation of their efforts. Thanks, guys!!!



In this picture taken in Tokyo last year, DSI's Jim Lauffer discusses eXpress marketing strategies with Y-Max's Masayo Tagami, Tetsushi ("Tets") Nishida and Tomohiro Kimura. Below, they are joined by Yasuhisa Yamada (far right).

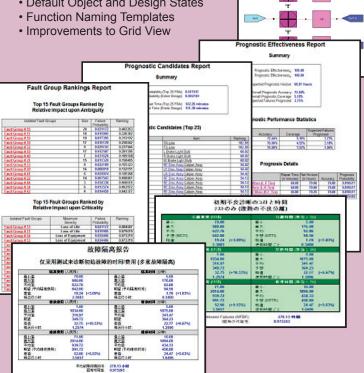


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eXpress 5.11 "A Little Something for Everybody"

In February, DSI released **eXpress** 5.11 — a new general release of the software that features a wealth of improvements that are sure to please both novice and power users alike. Here's a list of some of the improvements introduced in this release:

- Prognostic Analysis / Prognostic-Informed Diagnostic Analysis
- Recommendation of Candidate Failures for Prognostics
- Ability to Display Lower-Level Item Status during Diagnostics
- Chinese & Japanese versions of Main Analysis Reports
- Extended Coverage on Signature & Inspection Tests
- New Fault Group Rankings Report
- Additional Fault Resolution Statistics
- Multiple Symbol Views on Objects
- Default Object and Design States

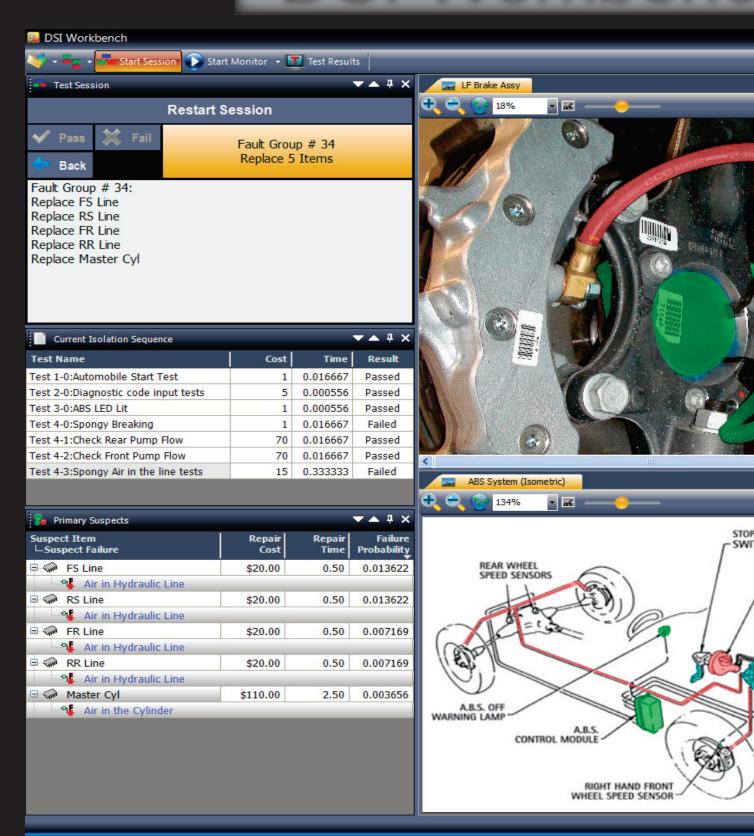


Mark Your Calendars

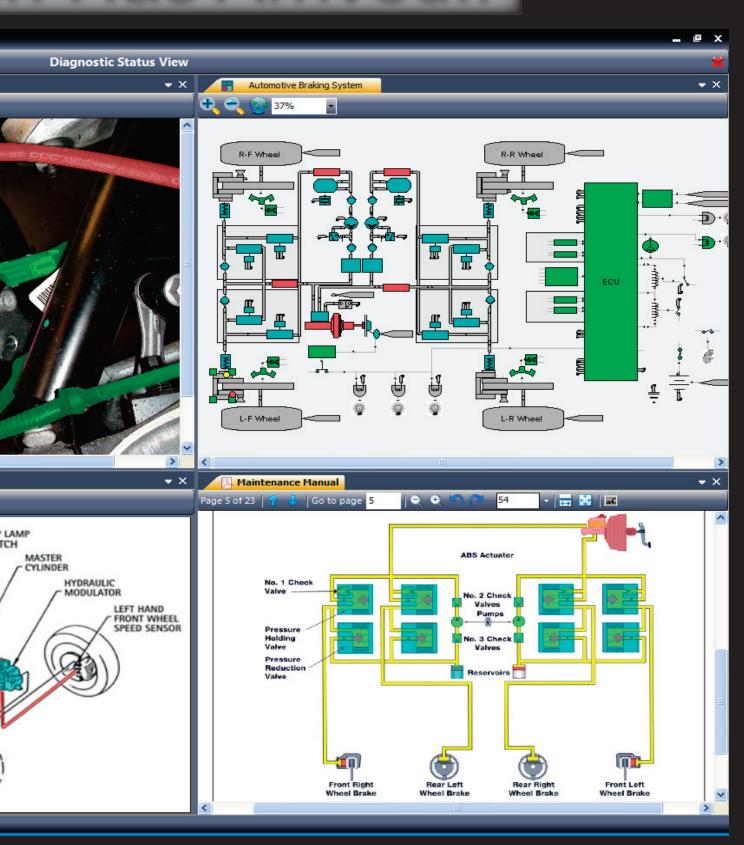
For those of you who are planning to be in Denver on June 20–23 for the 2011 IEEE International Conference on Prognostics and Health Management (sponsered by the IEEE Reliability Society), DSI's Eric Gould will be presenting a paper on system prognostic requirements and prognostic-informed diagnostic analysis.

Stop By, Say "Hi," and Show Support for DSI!

DSI Workbenc



h Has Arrived!!



Training Schedule

Course Number	Pre- requisite	Course Description	Dates	Location	POC
200	120	Advanced Diagnostic Development & Assessment	2 May 2011	Orange, CA	Denise Aguinaga, DSI
230	200	eXpress Advanced "Tips and Tricks"	2 May 2011	Orange, CA	Denise Aguinaga, DSI
205	200	Advanced Test Development & Importing	4 May 2011	Orange, CA	Denise Aguinaga, DSI
100		System Diagnostics Concepts and Applications	9 May 2011	Orange, CA	Denise Aguinaga, DSI
110	100	Basic Modeling & Introduction to Testing	9 May 2011	Orange, CA	Denise Aguinaga, DSI
120	110	Introduction to Testing & Analysis	12 May 2011	Orange, CA	Denise Aguinaga, DSI
100		System Diagnostics Concepts and Applications	27 June 2011	Orange, CA	Denise Aguinaga, DSI
110	100	Basic Modeling & Introduction to Testing	27 June 2011	Orange, CA	Denise Aguinaga, DSI
120	110	Introduction to Testing & Analysis	30 June 2011	Orange, CA	Denise Aguinaga, DSI
200	120	Advanced Diagnostic Development & Assessment	11 July 2011	Orange, CA	Denise Aguinaga, DSI
230	200	eXpress Advanced "Tips and Tricks"	11 July 2011	Orange, CA	Denise Aguinaga, DSI
205	200	Advanced Test Development & Importing	13 July 2011	Orange, CA	Denise Aguinaga, DSI

Run-Time Authoring Tool 2.0



In the above screen capture of the eXpress Run-Time Authoring Tool, a newly-outlined region of a photo is being mapped to the corresponding object in the express model.

With the latest version of the eXpress Run-Time Authoring Tool, "authoring engineers" can now map regions in graphic documents to items in their eXpress design. In DSI Workbench (or other custom IETM or diagnostic applications), these mappings allow photographs, schematics, isometric drawings, PDF documents and other types of graphics to be fully integrated with the run-time diagnostics. Not only can the mapped regions be colorcoded to indicate item status, but the technician can also click on a region and automatically pull up information for that object. So, LCN numbers, stock numbers, repair proceduresany data that can be stored in an object attribute in eXpress—can be accessed by clicking on the picture!!

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