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Find the *National Instruments Labview 8.6* at our website: *Click HERE*

What's New in LabVIEW 8.6?

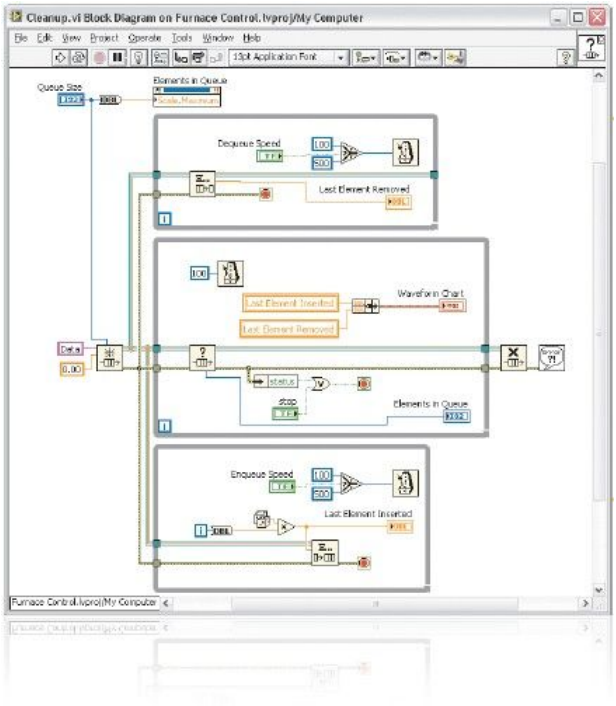
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NI LabVIEW (http://www.ni.com/labview/) 8.6 offers increased performance with the latest parallel technologies, such as multicore processors, field-programmable gate arrays (FPGAs), and Wi-Fi measurements, and includes the features and improvements noted below to boost productivity and offer new measurement capabilities.

1. Improved Productivity



- Improve code layout with the Block Diagram Cleanup tool
- Simplify installation with LabVIEW platform DVDs
- Quickly find and replace LabVIEW objects using predictive text
- Call VIs as Web services from any Web-enabled device
- Simultaneously edit the properties of multiple objects

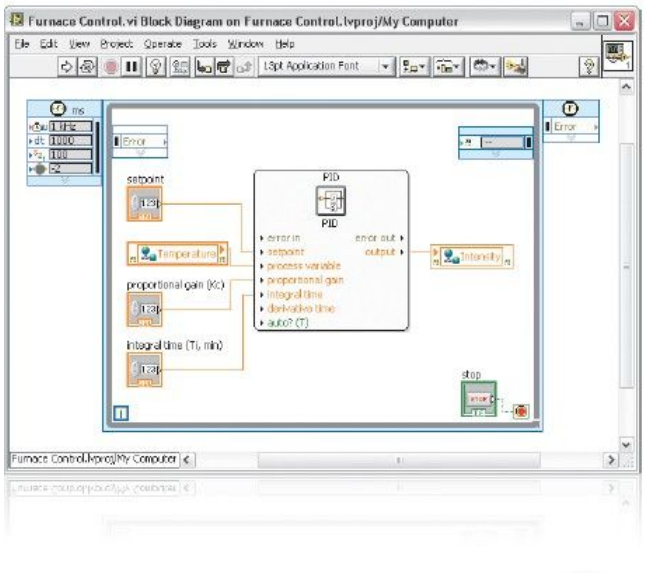
2. New Measurements and Signal Processing

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- Connect real-world sensor data to 3D models
- Perform remote monitoring using Wi-Fi data acquisition
- Test wireless GPS devices with the NI GPS Toolkit for LabVIEW (http://sine.ni.com/nips/cds/view/p/lang/en/nid/2049
- Interactively develop self-optimizing adaptive filters

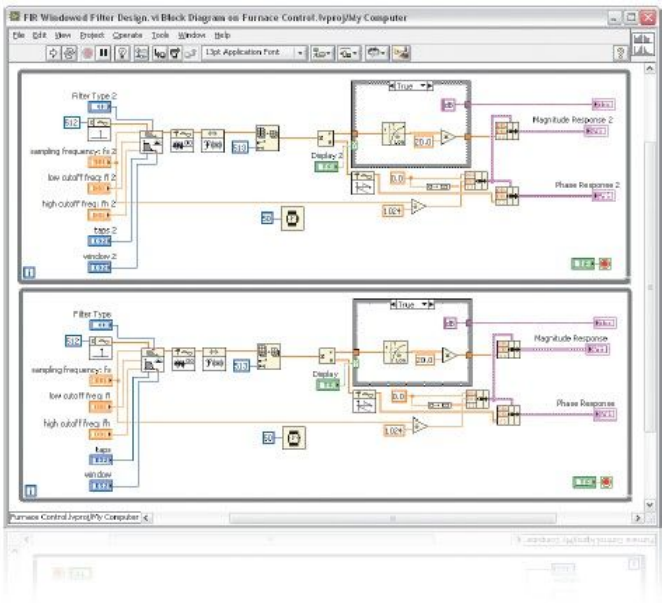
3. Real-Time Updates for Industrial Applications



- Quickly access I/O on NI CompactRIO (http://www.ni.com/compactrio/) hardware from LabVIEW Real-Time
- Program with configurable industrial function blocks based on the IEC 61131-3 programming language standard
- Monitor CompactRIO controller memory and processor usage with the NI Distributed System Manager
- Debug using test panels for CompactRIO module I/O

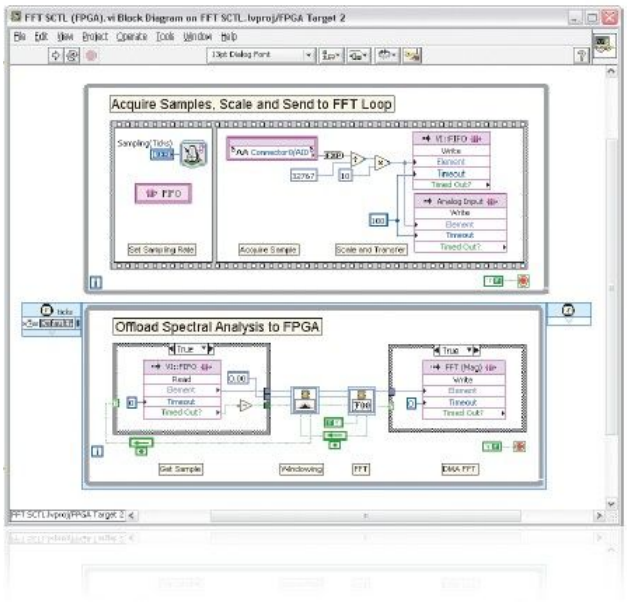
4. Increased Multicore Performance

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- Perform parallel processing with multicore-ready analysis functions
- Execute parallel dynamic system simulation models up to five times faster
- Perform faster image processing with multicore-optimized algorithms
- Deploy LabVIEW code to multicore Analog Devices (ADI) Blackfin Processors

5. Latest FPGA Features



- Develop field-programmable gate array (FPGA) algorithms using the fixed-point data type
- Perform fast Fourier transform (FFT) signal processing in silicon
- Reuse existing VHDL code with the Component-Level Intellectual Property (CLIP) Node
- Simulate code compilation to validate designs
- Deploy to reconfigurable single-board hardware

Try LabVIEW in as little as three minutes. (http://www.ni.com/labview/try/daq.htm?metc=8309)

This article first appeared in the Q3 2008 issue of Instrumentation Newsletter (http://www.ni.com/news/webreply3.htm).

Customer Reviews
3 Reviews | Submit your review (http://zone.ni.com/apps/utf8/nidz_display_comments.create_comment?p_title=What%E2%80%99s+New+in+LabVIEW+8.6%3F&p_doc_id=DZTUT-50479-EN&p_doc_type=DZTUT&p_url=http://www.ni.com/newsletter/50479/en&p_doc_url_id=50479)

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