### Next release includes:

- **Core Editor Enhancements**
  - Interface natively with common databases
  - Create projects using the Actor Framework
  - Customize wires for G Types with class functionality

- **Hardware Support**
  - Import and export SystemDesigner hardware configurations

- **FPGA Programming**
  - Experience compilation workflow improvements

- **Software Engineering**
  - Create UML diagrams and classes with the VI Technologies UML Class Editor
  - Unit test your code with the InQuity Labs unit test add-on

- **Web Technology**
  - Interact with TDMS data in a browser

- **Distributed Applications**
  - Build an application composed of multiple binary libraries
  - Debug binary libraries in the IDE
  - Share source libraries using packages

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### Near Future Release:

- **Core Editor Enhancements**
  - Use additional debugging tools like conditional breakpoints and execution tracing
  - Create dynamic plug-in architectures using additional VI Execution Control functionality

- **Interoperability**
  - Call Python scripts

- **User Interfaces**
  - Dynamically display images

- **Hardware Support**
  - Auto-manage software dependencies on SystemDesigner targets

- **FPGA Programming**
  - Program with new I/O nodes for FlexRIO/USRP
  - Use FPGA resources (for example, FIFO, Memory, and so on) outside a Cycle-Driven Loop

- **Web Technology**
  - Efficiently deploy web applications
  - Leverage improvements to the web-panel creation workflow

- **Distributed Applications**
  - Debug remote Windows executables
  - Incorporate LabVIEW NXG projects into NI Package Builder solutions

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### Future Release Features:

- **Core Editor Enhancements**
  - Generate Microsoft Word reports
  - Abstract LabVIEW Real-Time code with object-oriented programming

- **Interoperability**
  - Interface with MATLAB® code on real-time targets
  - Call .NET assemblies from outside the GAC

- **User Interfaces**
  - Quickly configure visually consistent Uls using themes
  - Create dynamic panel layouts that fit to multiple displays

- **Hardware Support**
  - Use RF instrumentation
  - Deploy to CompactRIO with NI-DAQmx and PXI systems running NI Linux Real-Time

- **FPGA Programming**
  - Get support for real-time and FPGA workflows on CompactRIO hardware
  - Target PC/PCI modules programmable with the LabVIEW FPGA Module
  - Reduce compile times with simplified FPGA simulation and debugging workflow

- **Software Engineering**
  - Choose from additional Command Line Interface options
  - Run static code analysis tools

- **Web Technology**
  - Debug WebVIs in IDE

- **Distributed Applications**
  - Implement deterministic deployed applications with broad-based LabVIEW Real-Time support
  - Define and manage exact package dependency versions used by the project