

MotoPlus™ SDK

Comprehensive Software Development Kit

Key Benefits

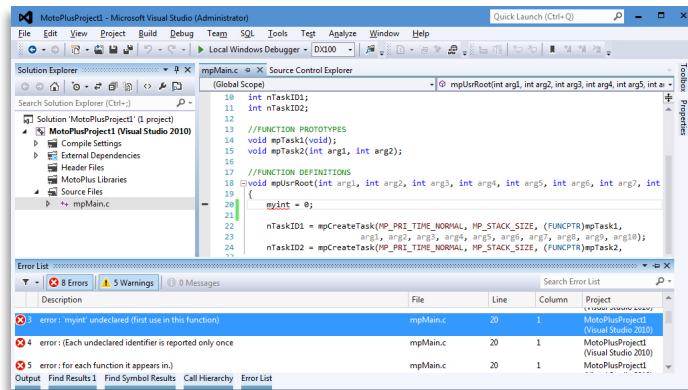
- Provides real-time access and communications with the controller
- Enables interaction with any computing device
- Can be used to embed complex algorithms for data acquisition in an ANSI C programming environment

Requirements

- Microsoft Visual Studio Professional (2008 or higher) OR Visual Studio Express for Desktop
- PC with Windows® XP (Service Pack 2) or newer
- Microsoft .NET Framework 3.5

Compatibility

- YRC1000 controller
- FS100 controller
- DX200 controller
- DX100 controller
- NX100 controller
- NXC100 controller
- XRC controller



- Provides ability to develop custom real-time applications for integration with nearly any device.
- Comprehensive API (Application Program Interface) allows access to control and monitor many robot functions through Ethernet socket or Serial RS232C interface including (but not limited to):
 - Multi-tasking communication
 - File transfer
 - Position and motion
 - Variables and registers
 - I/O
 - Robot jobs
 - Alarms and errors
- Functions as a plug-in for Microsoft® Visual Studio®; compatible with Visual Studio Professional or free Visual Studio Express.
- Allows use of same development tools and extensions already in use; compatible with many standard Visual Studio extensions such as IntelliSense®, TFS, Git, etc.
- Includes variety of standard libraries, sample source code and extensive documentation.
- No additional hardware or costly development tools are required.
- Application program is executed as a concurrent task on the robot controller.
- Development is done in ANSI C programming language.
- Ideal for direct interfacing to third-party equipment without a PC.