

RSLogix 5000 Programming Software

Vendor Sample Projects

About the RSLogix 5000 Sample Projects

Your RSLogix 5000 software comes with many sample projects you can use to make it easier to create your own projects, if you wish. For instance, you can use them as examples to follow when creating your own projects. You can use them as a starting point for your own applications by renaming them and then adding your own application code. Or you can simply copy and paste project components from one project to another. Along with the sample projects provided by Rockwell Automation are many provided by other vendors that may assist you in creating projects to use with that particular vendor's products.

Sample projects are provided as examples only and must be used with care. Refer to the Disclaimer at the end of this document, and to the End User License Agreement (EULA) included in the RSLogix 5000 Release Notes for additional information. For additional assistance in working with sample projects in general, please contact your Technical Support representative; for specific questions related to a vendor's sample project, please contact the particular vendor for assistance. Remember that, as with any new program, you should test the sample program to make certain that it works with your application before actually implementing it in your normal operations.

Please refer to the next section, Working With Sample Projects, for information and recommendations on how to effectively use these sample projects.

Working With Sample Projects

Important: Before you begin using a sample project, make a copy of the project, save it with a new name, and make any edits you need to make to this renamed project. By doing this, you are making certain that you have a backup copy of the original sample project that will be preserved for future use.

RSLogix5000 sample projects may include a number of components that you will need to copy individually in order for the sample project components to function properly in your application. These may include, but are not limited to:

- modules
- data types
- tags
- routines

If you are copying into an existing project, conflicts may occur with components that already exist, or if the location or type of modules does not match the location assumed in the sample project. In that case, you may need to rename components, change locations, or make other modifications, as necessary.

You can use the RSLogix 5000 Compare utility (included on your RSLogix 5000 software CD) to compare the sample project file with an empty (i.e., new) project file. This will help you to identify the components you need to modify. Refer to the online help included with the RSLogix 5000 Compare utility for more information on performing the comparison.

Sample Projects

Click on any of the individual vendor names to see the list of sample projects they have provided for this release:

- [DVT Corporation](#)
- [Hardy Instruments](#)
- [Hiprom](#)
- [ProSoft Technology, Inc.](#)
- [Spectrum Controls](#)
- [Rockwell Automation](#)

DVT Corporation

EtherNet/IP



<http://www.dvtsensors.com>

(770) 814-7920 USA

Catalog Number	EtherNet/IP Product Description	Sample File
SmartImage Sensor	Smart Camera for Machine Vision Inspections	DVT_Smart_Sensor_01.ACD

Hardy Instruments

ControlLogix



<http://www.hardyinst.com>

(800) 821-5831 USA

Catalog Number	ControlLogix Product Description	Sample File
1756-WS	1756 Weigh Scale Module, Single Channel	HI_56_WS_01.ACD
1756-2WS	1756 Weigh Scale Module, Dual Channel	HI_56_WS_01.ACD

Hiprom

ControlLogix



<http://www.hiprom.com/>

(949) 509 9347 USA

Catalog Number	ControlLogix Product Description	Sample File
1756HP-GPS	1756 HiProm GPS Module	GPS_withSOE.ACD

ProSoft Technology, Inc.

ControlLogix



<http://www.prosoft-technology.com/>

(661) 716-5100

Catalog Number	ControlLogix Product Description	Sample Project
MVI56-101M	IEC60870-5-101 Master Communication Module	MVI56_101M.ACD
MVI56-101S	IEC60870-5-101 Slave Communication Module	MVI56_101S_02.ACD
MVI56-103M	IEC60870-5-103 Master Communication Module	MVI56_103M_02.ACD
MVI56-103MR	IEC60870-5-103 Master Module with Reduced Data Block	MVI56_103MR_02.ACD
MVI56-104S	IEC870-5-104 Slave Communication Module	MVI56_104S.ACD
MVI56-AFC	Flow Computer Module	MVI56_AFC_02.ACD
MVI56-BAS	BASIC Emulator Module	MVI56_BAS_02.ACD
MVI56-CAS	Teledyne CA Slave Communication Module	MVI56_CAS_EX1_02.ACD
MV156-CLVM	CLV Master Communication Module	MV156_CLVM.ACD
MVI56-DEM	Honeywell DE Master Communication Module	MVI56_DEM.ACD
MVI56-DFCM	DF1 Half-Full Duplex Master Communication Mod	MVI56_DFCM_02.ACD
MVI56-DFCMR	DF1 Half/Full Duplex Master/Slave with Reduced Data Block	MVI56_DFCMR_02.ACD
MV156-DH485	DH485 Network Communication Module	MV156_DH485.ACD
MV156-DH485R	DH485 Network Communication Module with Reduced Data Block	MV156_DH485R.ACD
MVI56-DNP	DNP 3.0 Master/Slave Communication Module	MVI56_DNP_EX1_02.ACD

Catalog Number	ControlLogix Product Description	Sample Project
MVI56-DNPSNET	DNP 3.0 over Ethernet Protocol Module	MVI56_DNPSNET_02.ACD
MVI56-GEC	Generic ASCII Ethernet Communication Module	MVI56_GEC_02.ACD
MVI56-GRCM	Gareco Protocol for the Hi Speed Checkweigher	MVI56_GRCM.ACD
MVI56-GSC	Generic Serial Communication Module	MVI56_GSC_02.ACD MVI56_GSC_Remote_02.ACD
MVI56-HART	HART Interface Module	MVI56_HART_02.ACD
MVI56-LNG	Landis & Gyr 8979 Communication Module	MVI56_LNG_02.ACD
MVI56-LTQ	Limatorque Valve Interface Module	MVI56_LTQ_02.ACD
MVI56-MBP	Modbus Plus Module	MVI56_MBP_02.ACD
MVI56-MCM	Modbus Master/Slave Module	MVI56_MCM.ACD MVI56_MCM_expanded_02.ACD
MVI56-MCMR	Modbus Communication Module with Reduced Data	MVI56_MCMR_02.ACD
MVI56-MNET	Modbus TCP/IP Communication Module	MVI56_MNET_Passthru_02.ACD
MVI56-PNPM	Phantom Network Protocol Master Communication Module	MVI56_PNPM_02.ACD

Spectrum Controls

ControlLogix



<http://www.spectrumcontrols.com>

(425) 746-9481

Catalog Number	ControlLogix Product Description	Sample Project
1756sc-CTR8	Eight Channel Counter/Turbine Flowmeter Module	SC_CTR8_01.ACD
1756sc-IF8U	Universal Analog Input Module	SC_IF8U_01.ACD
1756sc-IF8H	HART Analog Input Module	SC_HART_02.ACD
1756sc-OF8H	HART Analog Output Module	SC_HART_02.ACD

Rockwell Automation



<http://www.rockwellautomation.com>

(414) 212-5200

Description	Sample Project	Related Documentation
Working with CompactFlash File System example project	CF_Paper_Making_Machine.ACD	CF_File_System.pdf
Reading and writing to the CompactFlash File System	CF_Read_Write.ACD	CF_File_System.pdf
Controller-to-controller messaging over ControlNet	CNET_messaging.ACD	None
I/O configuration examples using a generic 1769-MODULE	CompactLogix_IO_Example.ACD	None
Coordinated motion path blending - circle, diamond, square	Coord_Motion_Blend_Circle_Diamond_Square.ACD	None
Coordinated motion drill cycle with infeed blending	Coord_Motion_Drill_Cycle_Infeed_Blend.ACD	None
Determine the day of the week from WALLCLOCKTIME	DayOfWeek.ACD	None
Controller-to-controller messaging over Data Highway+	DHplus_messaging.ACD	None
A level control simulation using Function Block Diagram programming	FBDLevelControlSimulation.ACD	None

Description	Sample Project	Related Documentation
Program example using indirect addressing in arrays	Indirect Addressing.ACD	None
Program example based on a bar code	Look Up a Bar Code.ACD	None
Configuration and message programming for the 1756-PLS module	Messaging Configuration 1756 PLS.ACD	None
Modbus RTU Master	ModbusMaster.ACD	CIGAP129AENP.pdf
Modbus RTS Slave	ModbusSlave.ACD	CIGAP129AENP.pdf
Demonstrates motion control and backplane producer/consumer	Motion.ACD	None
Sending messages to multiple controllers	MSG to Multiple Controllers.ACD	None
Messaging using Block Transfers over ControlNet	Multiple BTs over ControlNet.ACD	None
Messaging using Block Transfers over Data Highway+	Multiple BTs over RIO.ACD	None
Retrieving PLC5-type status information from ControlLogix	PLC5 status.ACD	None
Example conversion from PLC5 to ControlLogix	PLC5 to Logix Conversion.ACD	None
Standardized, modular state machine programming example	PowerProgramming.ACD	None
Pulse Test diagnostic using message instruction	Pulse Test.ACD	None
Motion gear change using Sequential Function Chart programming	SFC GearChange.ACD	None
Motion gear change using SFC programming and embedded ST	sfc motion example.acd	None
Retrieving SLC-type status information from ControlLogix	SLC status.ACD	None
Sequence of Events module (1756-IB16ISOE) example project	SOE Module FIFOExtract.ACD	None
Structured Text bubble sort example project	ST BubbleSort.ACD	None
Motion gear change using Structured Text programming	ST GearChange.ACD	None
Motion example using Structured Text programming	st motion example.acd	None
Demonstrates reversing the bytes for each element in an array	Swap Bytes in Array.ACD	None
Logix-based Temperature Control application	TemperatureControl.ACD	TemperatureControl.pdf RAAP015AENP.pdf

Disclaimer

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