Connected Components Workbench Software

Quick Tips

- Project Organizer
- Instruction Toolbar
- Central Workspace
- Themes Toolbar
- Micro800™ Simulator Toolbar
- Instruction Toolbox

Status Bar
Add Device Selector
Workspace Properties

Project Organizer:
- Add Device Selector
- Right-click & select Change Controller to switch between controller types
- Right-click to add new Structured Text/Ladder Diagram/Function Block Diagram
- Drag and Drop programs to different positions in order to change the execution order

Themes Toolbar:
- IEC Instruction Names
- Logix Instruction Names
Going Online
- Connect/Disconnect
  - Build
  - Download
  - Upload
  - Test Logic
  - Accept
  - Cancel
  - Connect/Disconnect
  - Run Mode Change
  - Start/Stop

Micro800™ Simulator Toolbar
- Start Simulator
- Fault Status
- Power On
- Sync Plug-in and Expansion I/O

Import/Export Project and Archive Manager
- Archive Manager
  - Create and delete archive
  - Requires Developer Edition
- Import/Export Project
  - Import or Export the entire project including archives, as a CCWARC file type

Structured Text Editor
- Variable Selector
  - Ctrl-I brings up the Variable Selector, so you can select a variable instead of typing it
- Instruction Block Selector
  - Ctrl-R brings up the Block Selector
- Drag and Drop of language elements
User-defined Function (UDF) or User-defined Function Block (UDFB)

- Right-click and select Add
- Right-click on UDF to Rename
- Right-click on UDF to add Parameters

User-defined Data Type (UDT)
Requires Developer Edition

- Right-click on Data Types and Open
- Select either user-defined Arrays, Structures, or Defined Words (constants)
- For Structures, enter name of new Data Type
- Enter each field
- New Data Type will be available when a new variable is created
Ladder Diagram

Instruction Toolbar

Mouse over Instruction for description
Right-click Instruction to Add or Remove from Favorites

Scroll tabs

Hit TAB key after entering Instruction name to auto-complete Branch Start (BST) and to auto-create Instruction Block instance names
Click to show list of all Instruction Groups
Click to hide or unhide Instruction Toolbar or ASCII Text Input Pane

Branching
Drop Branch around Instruction
Drop Branch after Instruction
Whole Branch is selected
Single level of Branch selected
Only Instruction selected

Keyboard Shortcuts
Ctrl-R enables/disables Variable Selector after Drag and Drop of Instructions

Status Bar
Select Instruction and hit F1 to invoke context sensitive help
Select Contact or Coil and hit SPACEBAR to scroll through available types

Variables
Single-click to select variables
Double-click to declare new variable

Zoom
Zoom In
Zoom Out
Zoom to Page Width
Zoom to Fit All

• If toolbars are not visible, right-click on areas where toolbars are to enable toolbars. From there, enable Zoom
• Zoom is also available by holding down Ctrl and using mouse wheel

Find out more at the Connected Components Workbench™ software page
rok.auto/ccw

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