



Manufacturer: World Wide Programming B.V.
Model: WWP Core v1.0
Device Type: Software module - WWP Home Config

CONTACT SUPPORT: (please fill out carefully)

COMPANY NAME:	World Wide Programming B.V.
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NOTES:	Website: https://www.worldwideprogramming.nl . Support in English and Dutch; please include the processor model, firmware and the Status / License_Status text of WWP Core.

GENERAL INFORMATION

SIMPLWINDOWS NAME:	WWP Core v1.0
CATEGORY:	Utility
VERSION:	1.0
SUMMARY:	Heart of WWP Home Config. Loads the project configuration (JSON) from the processor, hosts the built-in web configuration tool (<a href="http://<processor-ip>:8090/">http://<processor-ip>:8090/), handles licensing and reports status to SIMPL. Required once in every program that uses any other WWP module.
GENERAL NOTES:	Place exactly one WWP Core in the program. On start-up it loads File_Path (default /user/wwp/home.json); when the file does not exist an empty template is created. All changes made in the web configuration are validated, backed up (last 10 versions) and applied at once - no program upload or reboot needed. Licensing: the software runs fully for 7 days after the first start on a processor. After that the panel controls are locked until an activation key (bound to the processor MAC address) is entered in the web configuration > Activation. Keypads, buses and the rest of the SIMPL program keep working at all times. Requirements: WWP Core (once per program) and the SIMPL# library WwpConfig.clz in the same folder as the program. All WWP modules communicate with each other inside the processor; no extra wiring between modules is needed. Start-up: the module does not send any commands to devices at boot. After the configuration is loaded it only publishes the current state (names, visibility, feedback) so panels and logic are correct straight away.



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	Licensing: part of the commercial WWP Home Config package (licenses S / M / L, 7-day trial per processor). See "WWP Home Config v1.0 Help.pdf" for the complete system description.
CRESTRON HARDWARE REQUIRED:	4-Series control system (developed and tested on RMC4). 3-Series is not supported.
SETUP OF CRESTRON HARDWARE:	4-Series control system. Copy WwpConfig.clz next to the .smw program, add WWP Core once, then add the WWP modules you need. Load the program, open the web configuration (http://<processor-ip>:8090/) and enter the rooms, devices and panels.
VENDOR FIRMWARE:	N/A - software module (no third-party device).
VENDOR SETUP:	Open the web configuration on http://<processor-ip>:8090/ (port set in the config, home.web_port). Optional password: home.editor_password.
CABLE DIAGRAM:	N/A - logic module, no device connection.

CONTROL:

<u>Signal/Function Name</u>	<u>D,S,A</u> <u>Digital, Serial, Analog</u> <u>signal property - description</u>
Reload	D Pulse to reload the configuration file from disk (e.g. after copying a file by SFTP).
Outside_Temp	A Outside temperature in tenths of a degree C (215 = 21.5 C). Shown on all panels (House.OutsideTemp_Fb).

FEEDBACK:

Loaded	D High when a valid configuration is loaded.
Any_Warning	D High while at least one device warning (WWP Monitor Bus) or license notice is active.
Licensed	D High when the processor is activated with a valid WWP activation key.
Room_Count	A Number of rooms in the loaded configuration.
Warning_Count	A Number of active, unacknowledged warnings.



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Home_Name	S	Project / home name from the configuration.
Status	S	Load status, e.g. "OK - loaded 14:02:11" or "ERROR: <first error>". A broken file never replaces a working configuration.
Editor_Url	S	Address of the web configuration, e.g. "http://<processor-ip>:8090/".
License_Status	S	License state: "Activated <tier> - <project>", "Trial until <date>" or "LOCKED - not activated".

PARAMETERS:

File_Path	S	Configuration file on the processor. Default /user/wwp/home.json. Use a different file (and web port) per program when running more than one program.
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TESTING: (please fill out carefully)

OPS USED FOR TESTING:	RMC4 - firmware 2.8005.00031
SIMPL WINDOWS USED FOR TESTING:	4.3200.02.01
DEVICE DB USED FOR TESTING:	200.470.001.00
CRES DB USED FOR TESTING:	228.60.002.00
SYMBOL LIBRARY USED FOR TESTING:	1244
SAMPLE PROGRAM:	WWP Software-InterfaceDemo (touch panel: WWPInterfaceDemo_v1.ch5z, contract WWPInterfaceDemo.chd)
REVISION HISTORY:	v1.0 - initial release.