



How To Copy e!COCKPIT Project Files on PFC200 Controllers Using WBM

HOW TO COPY E!COCKPIT PROJECT FILES ON PFC200 CONTROLLERS USING WEB-BASED MANAGEMENT (WBM)

When an e!COCKPIT project is downloaded to a WAGO PFC200 controller, and a Boot Application Download is performed, the executable project files are stored in a folder structure within the PFC200 file memory.

The Web-Based Management (WBM) of the PFC200 controllers offers a convenient way to copy the executable project files to an SD card, so that they can be saved as a backup or used to duplicate the application on additional controllers, provided the controllers are the same model number and firmware revision.

The information on the following pages explain how to backup and restore the executable e!COCKPIT project files for a PFC200 controller.

Note that the WBM images shown in this document were captured from a PFC200 running firmware revision 19. WBM content may vary in appearance depending on firmware revision.



How To Copy e!COCKPIT Project Files on PFC200 Controllers Using WBM

To backup the e!COCKPIT project from a PFC200 controller, proceed as follows:

Insert an SD card into the PFC200 controller, preferably with the power off. Power on the controller.

Navigate to the WBM page shown here by clicking the **Configuration** tab and selecting the **Package Server -> Firmware Backup** menu option.

The screenshot shows the WAGO WBM interface. The 'Configuration' tab is selected. In the left sidebar, 'Package Server' is highlighted, and 'Firmware Backup' is selected within it. The main content area is titled 'Firmware Backup' and contains a configuration form. The 'Destination' dropdown is set to 'Memory Card'. The 'PLC Runtime Project' checkbox is checked. The 'Create Backup' button is visible at the bottom right.

Configuration

Firmware Backup

Save packages from active device to selected destination.

Note: Only one package at a time can be saved via network.

The Auto Update feature is only available if:

- Encryption is not enabled.
- The firmware was launched from flash memory.
- A memory card has been inserted and is selected as the destination.

Backup and restore must be done on the same firmware version. The functionality of the package server is not suitable for general firmware updates.

Boot Device: Internal Flash

Destination: Memory Card

PLC Runtime Project:

Settings:

System:

Auto update:

Encryption:

Create Backup

Choose **Memory Card** as Destination and select **PLC Runtime Project** as shown. If Memory Card is not shown as an option, refresh the WBM page and try again.

Click **Create Backup**.

An archive file titled *firmware_backup_codesys.tgz* will be written to the SD card. When the backup is finished, remove the SD card from the PFC200, preferably with the power off.

The backup process is complete.



How To Copy e!COCKPIT Project Files on PFC200 Controllers Using WBM

To restore the e!COCKPIT project to a PFC200 controller, proceed as follows:

Insert the SD card containing the *firmware_backup_codesys.tgz* project archive in a PFC200 controller, preferably with the power off. Power on the controller.

Navigate to the WBM page shown here by clicking the **Configuration** tab and selecting the **Package Server -> Firmware Restore** menu option.

The screenshot displays the WAGO WBM interface. The top navigation bar includes 'Information', 'Configuration' (highlighted), 'Fieldbus', 'Security', and 'Diagnostic'. The left sidebar lists various system components, with 'Package Server' expanded to show 'Firmware Backup', 'Firmware Restore' (highlighted), and 'Active System'. The main content area is titled 'Firmware Restore' and contains a configuration window. This window includes a note about restoring packages, a 'Source' dropdown menu set to 'Memory Card', a 'Boot Device' dropdown set to 'Internal Flash', and checkboxes for 'PLC Runtime Project' (checked), 'Settings' (unchecked), 'System' (unchecked), and 'Decryption' (unchecked). A green 'Restore' button is located at the bottom right of the configuration window.

Choose **Memory Card** as Source and select **PLC Runtime Project** as shown.

Click **Restore**.

When the restore is finished, remove the SD card from the PFC200, preferably with the power off.

The restore process is complete.