MaxAir Technical – Updating MaxAir Code Modules

The current copy of the MaxAir software code is held in the GitHub Repository - https://github.com/pihome-shc/PiHomeHVAC.git. Any updates to the MaxAir code will be reflected in this repository.

MaxAir executes a script each day at mid-night, this script compares each software code module on the controller executing MaxAir against the corresponding software code modules in the Repository. If there are any discrepancies then copies of the updated files will be downloaded to directory '/var/www/code_updates' and an 'Update' icon will be displayed on the toolbar:

Clicking on the 'Update' icon will display a list of any software code modules files which require updating:

Code Modules Updated in GitHub Repository

The follow list of code modules have a different in the GitHub Repository. You can update your local copy, but BEWARE the local copy will be overwritten.

/var/www/header.php
/var/www/languages/en.php
/var/www/model.php
/var/www/st_inc/functions.php
/var/www/st_inc/db_config.ini
/var/www/settingslist.php

Update Code | Close

Clicking on the 'Update Code' button will display a confirmation dialogue:
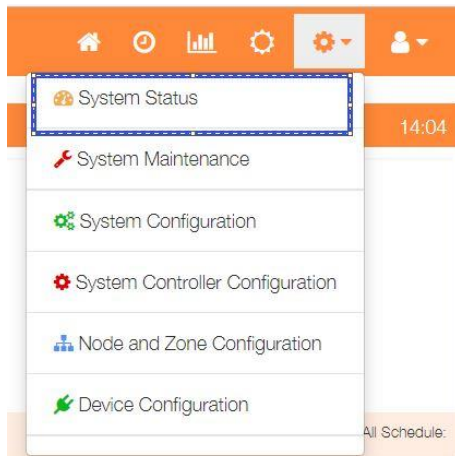
Confirm Update Code

SELECTING YES WILL OVERWRITE EXISTING CODE MODULES

Yes | No

Selecting 'Yes' will overwrite the existing software code modules with the corresponding updated file held in the directory '/var/www/code_updates'. The copies in '/var/www/code_updates' will then be deleted, removing the 'Update' icon from the toolbar.

Displaying the MaxAir Code Version Status

Select 'System Status' from the Settings dropdown list, then click the 'MaxAir Versions' button.

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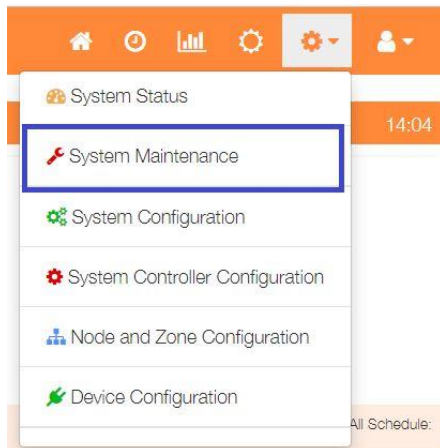The current and Repository versions will be displayed.

MaxAir Versions

MaxAir current software version and any available updates.

	Installed	GitHub
Code Version	1.0	1.0
Code Build	040821	010821
DataBase Version	1.0	1.0

Close

Force a check for Updates

Select 'System Maintenance' from the Settings dropdown list, then click the 'MaxAir Update' button.

A dialogue will be displayed, if the 'Check for Updates' button is clicked, then the script to compare each software code module on the controller executing MaxAir against the corresponding software code modules in the Repository will be executed as a background task. This could take 2 to 3 minutes to complete execution, if there are any discrepancies then copies of the updated files will be stored in directory '/var/www/code_updates' and the 'Update' icon will be displayed on the toolbar.

MaxAir Update

The installed code modules will be checked against the versions installed in the GitHub Repository. The check will execute as a background task and may take a few minutes to complete. If any differences are found an 'Update' icon will be displayed on the header toolbar.

Check for Updates   Close