Module Information:

**Name:** RBI Room Control Initialize Function v1c

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**Summary:** This module reads in an XML file stored on the processor to set up the configuration of lighting rooms. The file is read in automatically on a program reset. One instance of this module is required if you are using the RBI Room Helper v1c and the RBI Room List v1c modules.

Inputs/Outputs/Parameters:

Inputs:

|  |  |
| --- | --- |
| initialize | Pulse to re-read the XML file and update settings. |
| make\_blank\_file | Pulse this optional symbol to save a blank settings file. The file will be saved to the processor in the location indicated by **filename.** The filename will be the same name as the XML filename, but with “-blank” appended to the end. |

Outputs:

|  |  |
| --- | --- |
| initialized\_fb | This output will be held high if the XML file initializes correctly. |
| error\_fb | This output will be held high if the XML file fails to initialize. |
| initialize\_status | This signed value indicates the current status of the XML file. The values are as follows:  1 = Success  -1 = Unknown Error  -2 = No XML file on processor  -3 = The XML file is blank  -4 = There is a XML error  -5 = The file is locked for editing |
| initialize\_status\_message | This string indicates the current status of the XML file. |

Parameters:

|  |  |
| --- | --- |
| filename | The location of the settings file on the processor, plus the filename. This defaults to \\USERS\\rooms.xml. |