# _SearchUsbFiletoReset

This is a class that automatically searches for a file after plugging in a USB stick. The path from the file to be searched is located in a StringRam object which is connected to this class via the **FilePathName** object channel. If the file is found, the **OutResetCmd** client is written 1 using the Write method. After two background cycles (1 s each) of this class, a "reboot" is then performed.
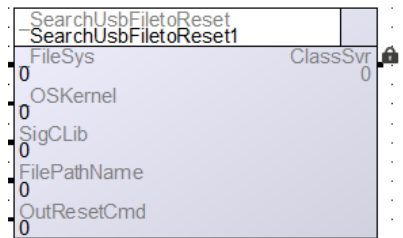
Using the Class

→ Used in the **IPConfiguration** AddOn to restore the old IP address for a CPU configured "to death".

Interfaces

Clients

_FileSys	Object channel to the system interface _FileSys is created automatically - do not connect			
	Data type	Object channel	Required	FALSE
	Value range	-	DefaultInitValue	-
	Unit	-		

_OSKernel	Object channel to the system interface _OSKernel is created automatically - do not connect			
	Data type	Object channel	Required	FALSE
	Value range	-	DefaultInitValue	-
	Unit	-		

SigCLib	Object channel to the system interface SigCLib is created automatically - do not connect			
	Data type	Object channel	Required	FALSE
	Value range	-	DefaultInitValue	-
	Unit	-		

FilePathName	Object channel to the StringRAM object, wher the path and the file name is stored.			
	Data type	Object channel	Required	TRUE
	Value range	-	DefaultInitValue	-
	Unit	-		

OutResetCmd	Output: outputs the previously read reset command			
	Data type	Data channel	Required	FALSE
	Value range	DINT;	DefaultInitValue	-
	Unit	-		

Server

ClassSvr	Class server serves as object channel and as command channel. (not used)			
	Data type	DINT	DefaultInitValue	-
	Value range	DINT	WriteProtected	TRUE
	Unit	-	Retentive	FALSE

Global Methods

Init	Initializations → All relevant initialization values are assigned in this method.
Background	Background Task This task handles the function of the class.

Appendix

Application Example (IPConfiguration MachineControl Project)
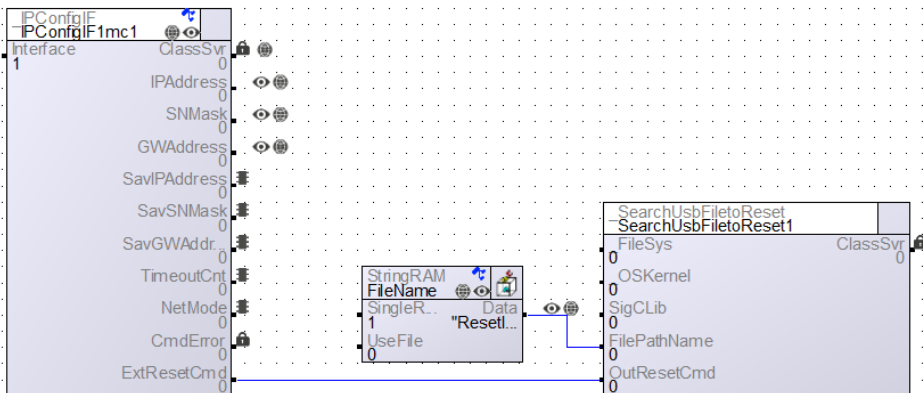
In this case, the system searches for the "ResetIP.txt" file located in the root directory of the USB stick. If the search is successful, NetMode is set to IF_DeviceIP via the ExtResetCmd server and "Reboot" is performed after ca. 2 s.