Advantech AE Technical Share Document

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Category	■FAQ □SOP	Related OS	N/A
Abstract	How to use CODESYS to write and read files and work with directories?		
Keyword	CODESYS, File Access		
Related Product	APAX-5580CDS		

■ **Problem Description:**

This document shows how to use CODESYS to write and read files and work with directories.

■ **Answer:**

CODESYS has the example shows several possibilities of writing and reading files as well as working with directories. Synchronous and asynchronous function calls are used.

Several functions for file management are demonstrated here, such as creating files and directories, renaming, deleting and copying them as well as reading and writing files. A directory can be browsed to find all included files.

In the synchronous way, the function will wait until a result is returned. Sometimes this lasts longer than one cycle. There for an asynchronous call can be used. Here the function will not wait for a result. At each call the function will ask again for a result, when it is available the variable xDone is set to true, otherwise it stays false until a result is available.

Please refer to the following sample code:
https://store.codesys.com/file-utilities.html?___store=en