

Reading a File

You can use the Filesystem adapter to read data from a file in the filesystem.

Reading Line By Line

Using the **readLine** operation of the Filesystem adapter, you can read a file line by line.

Name	Type	Direction	Description
name	String	in	Fully qualified file name of the file you want to read, including the path.
encoding	String	in	Encoding of the file. Default encoding is iso-8859-1 . For a list of possible encodings see Charset Definitions .
length	Integer	out	Length (in Bytes) of the line that has been read. On file end, length is 0.
line	String	out	File content of the line that has been read. On file end, line is NULL.

The path and file name of the file you want to access can be given dynamically via input parameter **name**, or statically via the definitions of an **alias**.

Reading a Complete File or Parts

Using the **read** operation of the Filesystem adapter, you can read a complete file in once, or specific parts of it.

Name	Type	Direction	Description
name	String	in	Fully qualified file name of the file you want to read, including the path.
position	Integer	in	Position (in Bytes) from which you want to start reading the file.
length.in	Integer	in	Length (in Bytes) of the snippet of the file you want to read. The actual length of the read data is given back (e.g. on file end).
data	Blob	out	Content that has been read.
length.out	Integer	out	Length (in Bytes) of the snippet of the file you want to read. The actual length of the read data is given back (e.g. on file end).

The path and file name of the file you want to access can be given dynamically via input parameter **name**, or statically via the definitions of an **alias**. If you do not want to read the complete file, provide a starting position in parameter **position** and/or a snippet size in parameter **length**. You can use this parameters separately or in combination.

Closing a File

On end of the service request, all files that have been used with the Filesystem adapter are closed automatically. In some cases, it may be helpful to manually close a file (e.g. if you want to rename or push the file).

You can close a file using the **close** operation of the Filesystem adapter.

Name	Type	Direction	Description
name	String	in	Fully qualified file name of the file you want to close, including the path.

The path and file name of the file you want to close can be given dynamically via input parameter **name**, or statically via the definitions of an **alias**.

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FilesystemAdapter_ProductExport_Example



Click the icon to download a simple example model that shows the usage of the Filesystem adapter in **Scheer PAS Designer**.