

Composing Flat Files

After [having defined the structure of the flat file](#), you can use the Flat File adapter to compose a flat file from this structure.

Drag the **compose** operation to your diagram as described on [Flat File Adapter](#). Provide the data in the flat file structure and provide an encoding or localization if necessary.
You can compose to an object of type **Blob** or to the filesystem. The path and file name of the file you want to compose to can be given dynamically via input parameter **name**, or statically via the definitions of an **alias**.

Name	Type	Direction	Mandatory	Description	Allowed Values	Example
anyObject Flow	Any with FlatFile class stereotype	in		Provide an object containing the flat file data. The class defining the type of this object should have stereotype FlatFile and should depict the structure of the file.		
encoding	String	in		Provide the encoding of the file to be composed as specified on Charset Definitions .	any valid encoding (see Charset Definitions)	UTF-8
					default: ISO-8859-1 (Latin1)	
locale	Numbers Locale	in		Specify how number values will be treated, when written to the flat file (decimal point, currency symbol, ...). You can overwrite the system locales here. Refer to Number Formatting for more information.	default: system locales	
name	String	in		Specify a full path to the flat file, if you want to write the FlatFile object to the file system. Alternatively, you can compose the flat file to a Blob object (see parameter data). Note, that the name parameter takes priority over data .		tmp/myFlatFile.txt
data	Blob	out		If you want to compose the FlatFile object to a Blob object, use this parameter as output of the compose action. Alternatively, you can write the composed flat file directly to the file system (see parameter name). Note, that the name parameter takes priority over data .		



If you provide both parameters, **name** and **data**, the Flat File object will be written to the file system.

FlatFileAdapter_ProductExport_Example



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

Related Pages:

- [Defining a Flat File Data Structure](#)
- [Using Macro Expressions on Parsing or Composing a Flat File](#)
- [Flat File Adapter Reference](#)