

# Appending Data to Files

 This page explains the **Filesystem Adapter** in Bridge context. If you were looking for the same information regarding the **PAS Designer**, refer to **Filesystem Adapter** in the Designer guide.

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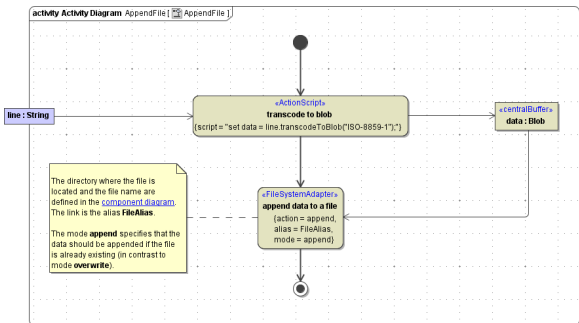
## Parameters of Action "append"

Name	Type	Direction	Description
name	String	in	Fully qualified file name of the file you want to write, including the path. <div>When using the Windows style with backward slashes "\" you have to be aware that you have escape this character. The escape character is also the "\". To avoid this, use forward slashes with Windows as well.</div>
data	Blob	in	Content you want to write to the file.
length	Integer	in	Length (in Bytes) of the <b>data</b> you want to append, if you want to only write part of the Blob.

## Defining a "append" Action

To append data to a file with the file system adapter, you need to define an **append** action on an action having the stereotype `<<FileSystemAdapter>>`. You can do this manually (refer to [Figure: The Specification Dialog of the File System Adapter](#)) or with the help of the E2E Action Wizard (see context menu of the action node).

Figure: Appending to a File



The file content needs to be provided as input of type **Blob**. The input object buffer must be named **data**.

The directory where the file is located and the file name are defined in the component diagram. The link from the activity diagram to the physical information is established by an alias (in the present example: **FileAlias**). See [File System Components](#) for more information on file system aliases. For information on how to access a file or directory dynamically refer to [Dynamic File System Access](#).

## Modes of Action "append"

To action **append**, two modes can be applied:

- append  
If mode is empty or set to **append**, the content stored in **data** will be appended to the file specified in **name**. If the file does not exist, it will be created.
- overwrite  
If mode is set to **overwrite**, the file specified in **name** will be overwritten with the content stored in **data**. If the file does not exist, it will be created.  
**overwrite** will only be applied to the first append. All subsequent appends (e.g. in a loop) automatically get mode **append**.