

# Apparo Fast Edit

## File Up&Download



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## 1 Definition

File Up&Download allows to attach files to any data row.

The files are saved on the server.

The connection to an existing document management system (DMS) is possible.

The screenshot shows the 'Apparo Fast Edit' interface for 'Workflow Demo Step1 Data Input'. It features a search and filter section at the top, followed by a table of data. The table has columns for Plan6 through Plan10, Last changed by, Comment, History of change, Last change from, and File attachment. A blue circle highlights the file attachment icons and links in the 'File attachment' column.

5	Plan6	Plan7	Plan8	Plan9	Plan10	Last changed by	Comment	History of change	Last change from	File attachment
32	46	445	55	45	45	en	Please see attached file	History of change	04.12.2015	Brazil.xlsx
						en		History of change	04.12.2015	
						en		History of change	04.12.2015	
						en		History of change	04.12.2015	

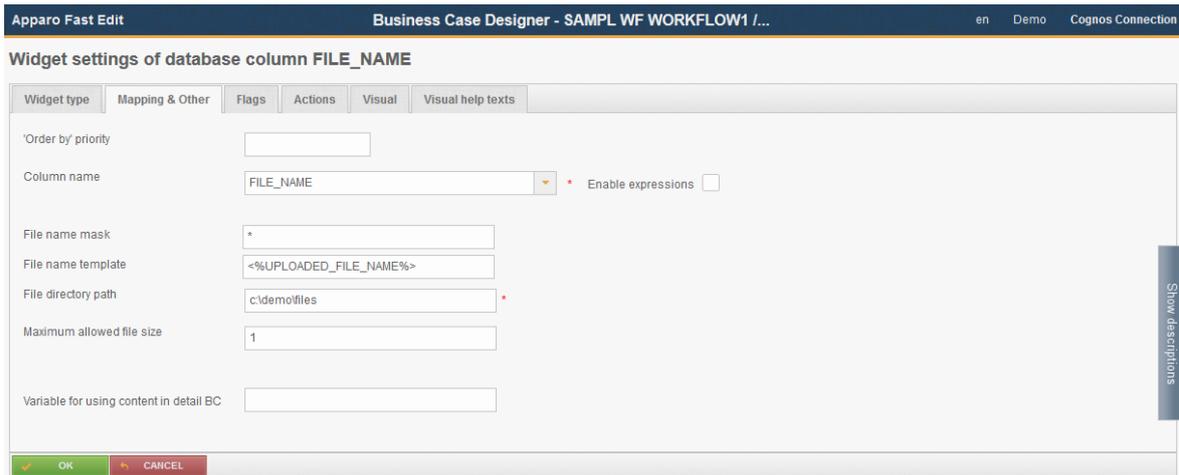
File Up&Download widget

## 2 Properties of the widget ,File Upload/Download'

The screenshot shows the 'Widget settings of database column FILE\_NAME' dialog box. The 'File upload/download' widget type is selected. The 'Internal description' field contains the text: 'File Upload/Download: The user can upload or download files.' The dialog box has tabs for 'Widget type', 'Mapping & Other', 'Flags', 'Actions', 'Visual', and 'Visual help texts'. The 'File upload/download' widget type is selected, and the 'Internal description' field is visible.

The properties are grouped in tabs

## 2.1 Mapping & Other



### 2.1.1 ,Order by' Priority

Allows the sorting of all displayed data rows.

The numbers 1, -2, -3, etc. can be used to sort the rows based on the data of this widget. Each number can only be used once.

The sign determines the sorting whether ascending (+) or descending (-)

Example: We have two widgets, first name and last name. We enter a 1 for the last name and -2 for the first name.

The data will be displayed in ascending ordered by last name. In case of several identical last names, the names are ordered in descending order by the first name too.

### 2.1.2 Column Name

Please enter here the mapping to the corresponding database column. There, in our example, the name of the uploaded file is saved.

In addition, expression can be activated.

### 2.1.3 File name mask

Here you can set restrictions on what files may be stored. An asterisk '\*' is the wildcard.

If this field is containing only an asterisk, all file types can be stored.

In our example: \*. Doc\* will allow all files ending with .Doc or .Docx etc.

### 2.1.4 File name template

Defines the filename saved for the uploaded file.

Variables can and should be used.

<% UPLOADED\_FILE\_NAME%> contains the file name of the uploaded file and is set by default.

For example, the files shall be uploaded with a name containing the following information:  
File name, Which user has uploaded, When (time stamp) and the language used by the user.

The file name template must look like this:

<%UPLOADED\_FILE\_NAME%>\_<%USER\_NAME%>\_<%CURRENT\_DATE%>\_<%LANGUAGE%>

#### 2.1.5 File Directory Path

Defines the folder in which the files are stored on the server.  
Each network location, with the appropriate write privileges can be used.

You should use a separate subfolder for each file upload & download widget.  
Example: D:\DMS\Region\_North\Summaries

#### 2.1.6 Maximum allowed file size

Defines the maximum allowed file size (MB). Zero (0) means no limit.

#### 2.1.7 Variable for using content in Detail BC

Can be used to pass the widget content to a detail Business Case, e.g. for further processing.

## 2.2 Flags

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Widget settings of database column FILE\_NAME

Widget type Mapping & Other Flags Actions Visual Visual help texts

**Hiding**

Hide this widget in the inserting area

Hide this widget in edit and inserting area for

**File**

Display the file name

Enable file upload for

Enable file download for

Enable file overwriting

**Other**

Database column is the primary key or a part of it

Database column is computed by database (for example using a database trigger or auto-increment feature)

Show a small icon for easier deleting of the complete content of this widget

Value is mandatory (not null)

OK CANCEL

Show descriptions

### 2.2.1 Hiding

Allows you to hide the widget in general in the input and/or edit area - or only for certain security groups. The function 'Complete row must be read only' locks an entire row (read-only status) if this widget contains a certain value (variables are allowed).

**Hiding**

Hide this widget in the inserting area

Hide this widget in edit and inserting area for

all users  
all users  
selected security groups  
specific value  
if variable returns true

### 2.2.2 File

Contains settings that allows to hide the file name, to block the up/download or limits it to certain users.

**File**

Display the file name

Enable file upload for

Enable file download for

Enable file overwriting

all users  
all users  
selected security groups

### 2.2.3 Other

Contains default settings such as:

- Column is (a part of) the primary key
- Content will be generated from the database (nothing is saved)
- Delete Contents Icon
- Required field

## 2.3 Actions

Contains settings to actions such as e.g. the starting of scripts.

The screenshot shows the 'Actions' configuration panel. At the top, there are tabs for 'Widget type', 'Mapping & Other', 'Flags', 'Actions' (which is active), 'Visual', and 'Visual help texts'. Below the tabs, there are three checkboxes: 'Enable action after file upload' (checked), 'Enable action before file' (unchecked), and 'Enable action after file delete action' (unchecked). The 'Automatic execution of' dropdown menu is open, showing two options: 'Database procedure' (highlighted) and 'Script on server'. To the right of the dropdown is a text input field labeled 'Name'.

Actions are possible:

- After uploading a file
- Before a file is downloaded
- Once a file has been deleted

Possible actions are:

- The execution of a database procedure
- The execution of a script or batch file on the server

Examples:

After uploading a file you can ,using a script, instruct the DMS (file-management system) to upload the file.

After downloading, or deleting a file, you can use a database procedure to store the name of the user and other data in a table (data access control).

## 2.4 Visual & Visual Help Texts

Contains settings like labels, tool tips and optical settings.

### Visual:

Widget type	Mapping & Other	Flags	Actions	Visual	Visual help texts
<b>Column label</b>					
Language	Column label				
English	<input type="text" value="File attachment"/>				
German	<input type="text" value="Datei-Anhang"/>				
<b>Visual settings</b>					
Label style	Font face	Size	Style	Align	Colour
	<input type="text" value="Arial"/>	<input type="text" value="11"/>	<input type="text" value="Bold"/>	<input type="text" value="Left"/>	<input type="text" value="#000000"/>
Widget align	<input type="text" value="Left"/>				
Column width (px)	<input type="text" value="150"/>				
Font	Font face	Size	Style	Align	Colour
	<input type="text" value="Arial"/>	<input type="text" value="12"/>	<input type="text" value="Normal"/>	<input type="text" value="Left"/>	<input type="text" value="#000000"/>

### Visual help texts:

Widget type	Mapping & Other	Flags	Actions	Visual	Visual help texts
<b>Description text</b>					
Language	Description text				
English	<input type="text" value="On this place you can attach a Excel (xls) file that contains detail information."/>				
German	<input type="text" value="Hier können Sie bei Bedarf eine XLS-Excel-Datei anhängen, die dann auch vom Controlling geöffnet werden kann."/>				

Contains the tooltips