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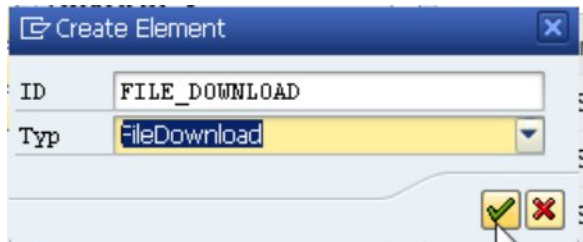
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Number 4
Initial version by Igor Muntoreanu

1) Homework

- a. Create a Download button to do the reverse logic:
- b. Validate the File entered. Check if it is XLS or XLSX and if now send an error message.

2) Correction:

- a. Create a new element:



Create Element

ID: FILE_DOWNLOAD

Type: FileDownload

Buttons: [Green Checkmark] [Red X]

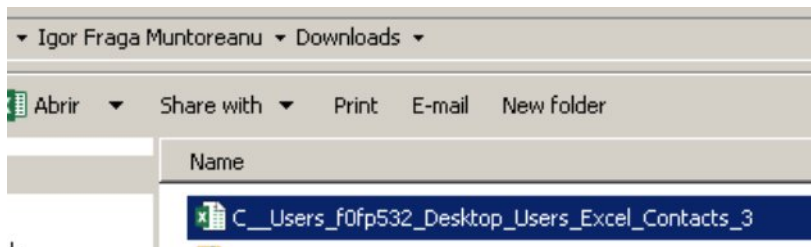
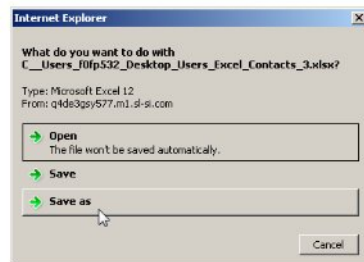
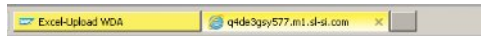
Properties:

FILE_DOWNLOAD		
Property	Value	Binding
Properties (FileDownload)		
ID	FILE_DOWNLOAD	
activateAccessKey	<input type="checkbox"/>	
behaviour	auto	
contextMenuBehaviour	Inherit	
contextMenuId		
data	MAIN.FILE_UPLOAD.FILECONTENTS	
design	emphasized	
enabled	<input checked="" type="checkbox"/>	
fileName	MAIN.FILE_UPLOAD.FILENAME	
imageFirst	<input checked="" type="checkbox"/>	
imageHeight		
imageIsDecorative	<input type="checkbox"/>	
imageSource	~Icon/Download	
imageWidth		
mimeType	MAIN.FILE_UPLOAD.FILETYPE	
target	C:\	
text	Download	
textDirection	Inherit	
tooltip		
type	navigation	
visible	Visible	
wrapping	<input type="checkbox"/>	
Layout Data (FlowData)		
cellDesign	padless	

Result:

<div><div></div></div>		<div>Browse...</div>		<div>Upload</div>			
<div> User</div>	First name	Last name	City	Street	Country	Region	E-Mail Address
IMUNTORE	Igor	Muntoreanu	Blumenau	Ingo Hering	BR	BR	igor.muntorea@t-systems.com.br
FBUGMANN	Fernando	Bugmann	Blumenau	Ingo Hering	BR	BR	fernando.bugmann@t-systems.com.br
CHUANG	Chuan	Huang	Darmstadt	Pfnorstraße	DE	DE	Chuan.Huang@t-systems.com

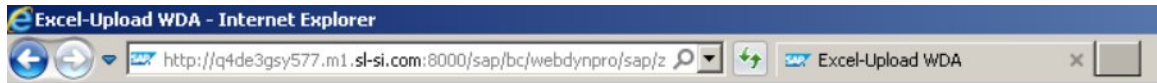
 Download



Microsoft Excel interface showing the file 'C:_Users_f0fp532_Desktop_Users_Excel_Contacts_3.xlsx' open. The ribbon includes ARQUIVO, PÁGINA INICIAL, INSERIR, LAYOUT DA PÁGINA, FÓRMULAS, DADOS, REVISÃO, and EXIBIÇÃO. The 'PÁGINA INICIAL' ribbon is active, showing options for Font (Fonte), Alignment (Alinhamento), and Number (Número). The spreadsheet data is as follows:

	A	B	C	D	E	F	G	H	I	J	K
1	IMUNTORE	Igor	Muntoreanu	Blumenau	Ingo Hering	BR	BR	igor.muntorea@t-systems.com.br			
2	FBUGMANN	Fernando	Bugmann	Blumenau	Ingo Hering	BR	BR	fernando.bugmann@t-systems.com.br			
3	CHUANG	Chuan	Huang	Darmstadt	Pfnorstraße	DE	DE	Chuan.Huang@t-systems.com			

- b. Validate the File entered. Check if it is XLS or XLSX and if now send an error message.
Today when we upload a not XLS file, the following happens:



500 SAP Internal Server Error

ERROR: A BRFplus exception occurred (termination: RABAX_STATE)

Go to the ONACTIONON_UPLOAD method in the MAIN view:

Code the following for now:

```
19      " Start of validation
20      DATA(l_strlen) = strlen( ls_file_upload-filename ).
21      l_strlen = l_strlen - 3.
22
23      IF ls_file_upload-filename+l_strlen(3) NE 'XLS' AND
24         ls_file_upload-filename+l_strlen(3) NE 'xls'.
25
26         l_strlen = strlen( ls_file_upload-filename ).
27         l_strlen = l_strlen - 4.
28
29      IF ls_file_upload-filename+l_strlen(4) NE 'XLSX' AND
30         ls_file_upload-filename+l_strlen(4) NE 'xlsx'.
31
32         " Message
33
34      ENDIF.
35
36      ENDIF.
37      " Ende of validation
```

Use the wizard: 

☒ Generate Message

Message Manager

Method

☐ Text Symbol Access

Variable Name

Text Symbol

☐ Generate Popup

Component Use

Window Name

☐ Portal Integration



Portal Manager

Method

☐ Personalization

Pers. Manager

Method

Your code should look like this

```

" Start of validation
DATA(l_strlen) = strlen( ls_file_upload-filename ).
l_strlen = l_strlen - 3.

IF ls_file_upload-filename+l_strlen(3) NE 'XLS' AND
   ls_file_upload-filename+l_strlen(3) NE 'xls'.

l_strlen = strlen( ls_file_upload-filename ).
l_strlen = l_strlen - 4.

IF ls_file_upload-filename+l_strlen(4) NE 'XLSX' AND
   ls_file_upload-filename+l_strlen(4) NE 'xlsx'.

*
   get message manager
DATA lo_api_controller      TYPE REF TO if_wd_controller.
DATA lo_message_manager    TYPE REF TO if_wd_message_manager.

lo_api_controller ?= wd_this->wd_get_api( ).

CALL METHOD lo_api_controller->get_message_manager
RECEIVING
   message_manager = lo_message_manager.
*
   report message
CALL METHOD lo_message_manager->report_error_message
EXPORTING
   message_text = 'The entry file is not XLS or XLSX'
*
   params      =
*
   msg_user_data      =
*
   is_permanent = ABAP_FALSE

```

```

*      scope_permanent_msg      = CO_MSG_SCOPE_CONTROLLER
*      view                    =
*      show_as_popup           =
*      controller_permanent_msg =
*      msg_index               =
*      cancel_navigation        =
*      enable_message_navigation =
*      component               =
RECEIVING
      message_id = DATA(l_id).


RETURN.


ENDIF.


ENDIF.
" Ende of validation

```

Result:

 The entry file is not XLS or XLSX

 User	First name	Last name	City	Street	Country	Region	E-Mail Address

 Download