How to upload and download file using Webdynpro Technology

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Introduction

In this Blog will see how to upload and download file using webdynpro technology.

Follow the following steps as shown below.

File Upload

Go to SE80 T-code, in that Repository Brower select Web Dynpro Comm. / Intf. And give the name, discription & save it as shown below.
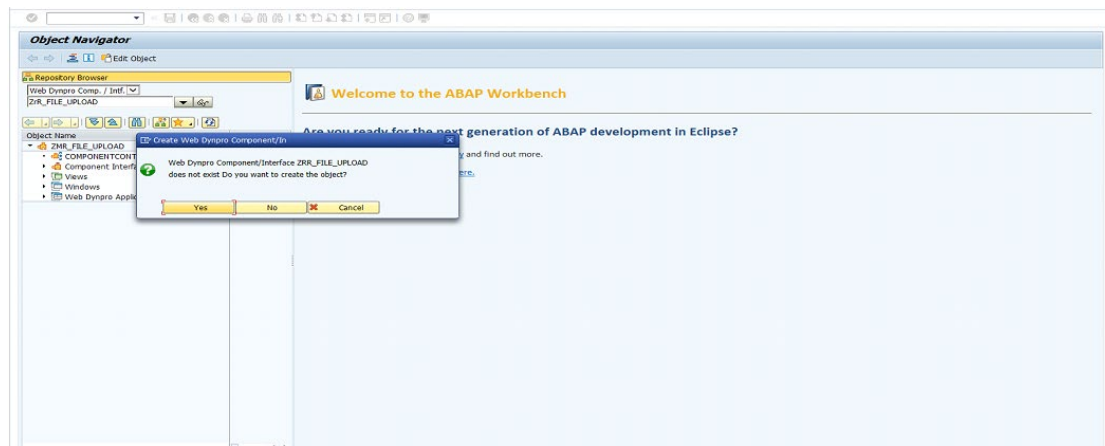
fig-1

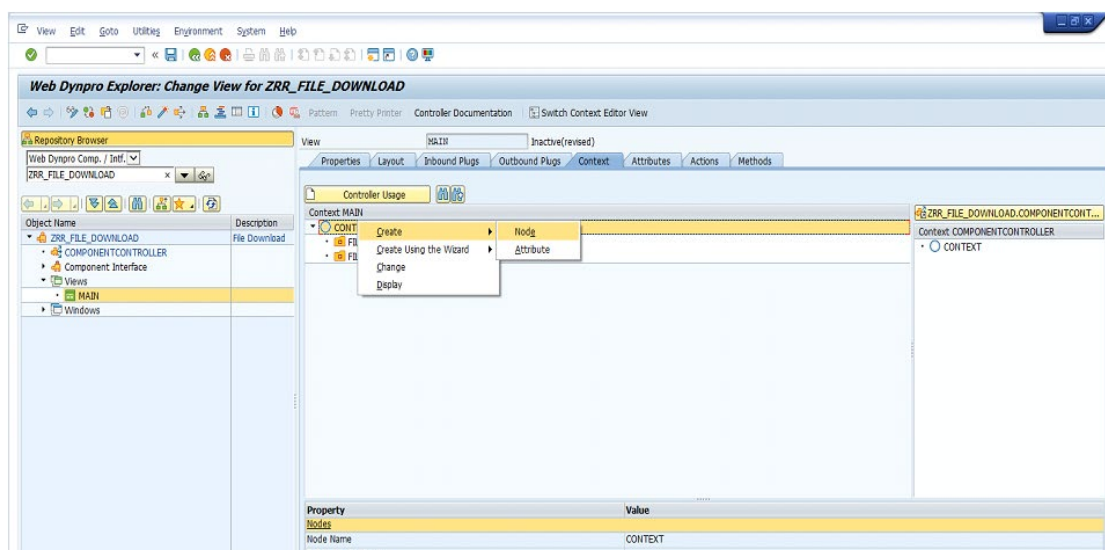Go to views -> context , right click on context ->create->node.

fig-2
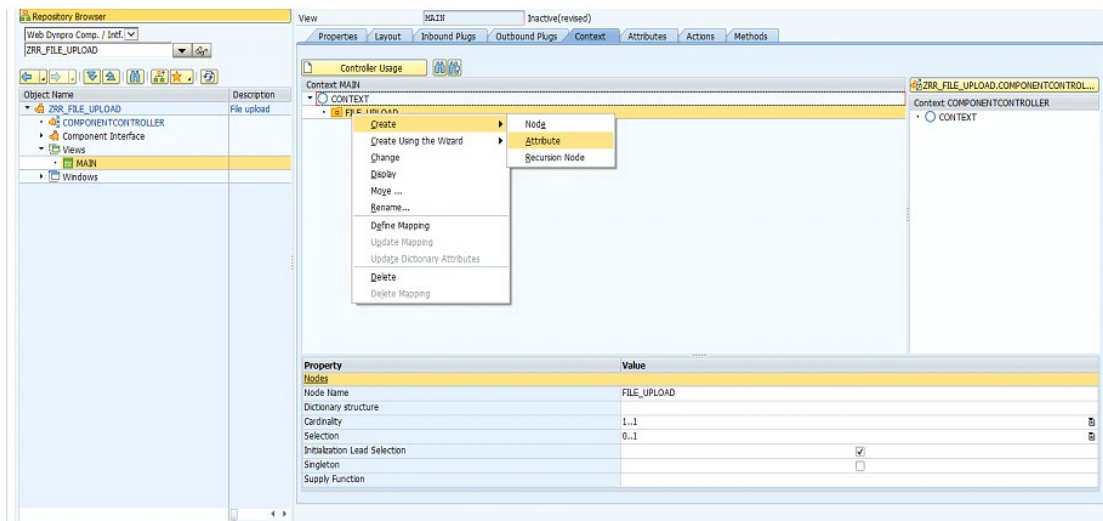
Right click on node-> create-> attribute.

fig-3

Create 3 attributes as mentioned below

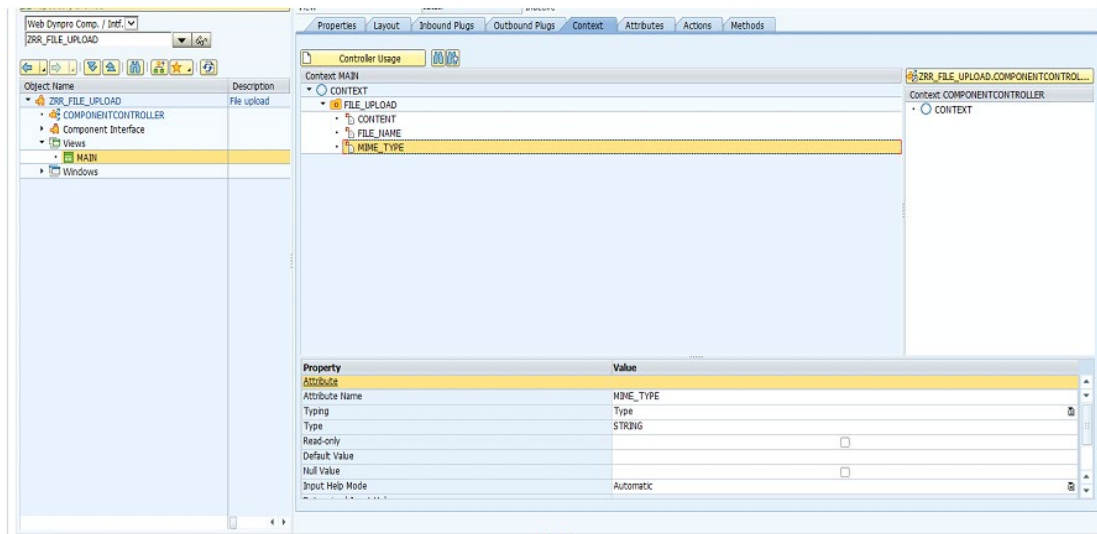| Attribute name	Type
Content	Xstring
File_name	String
Mime_type	String

fig-4

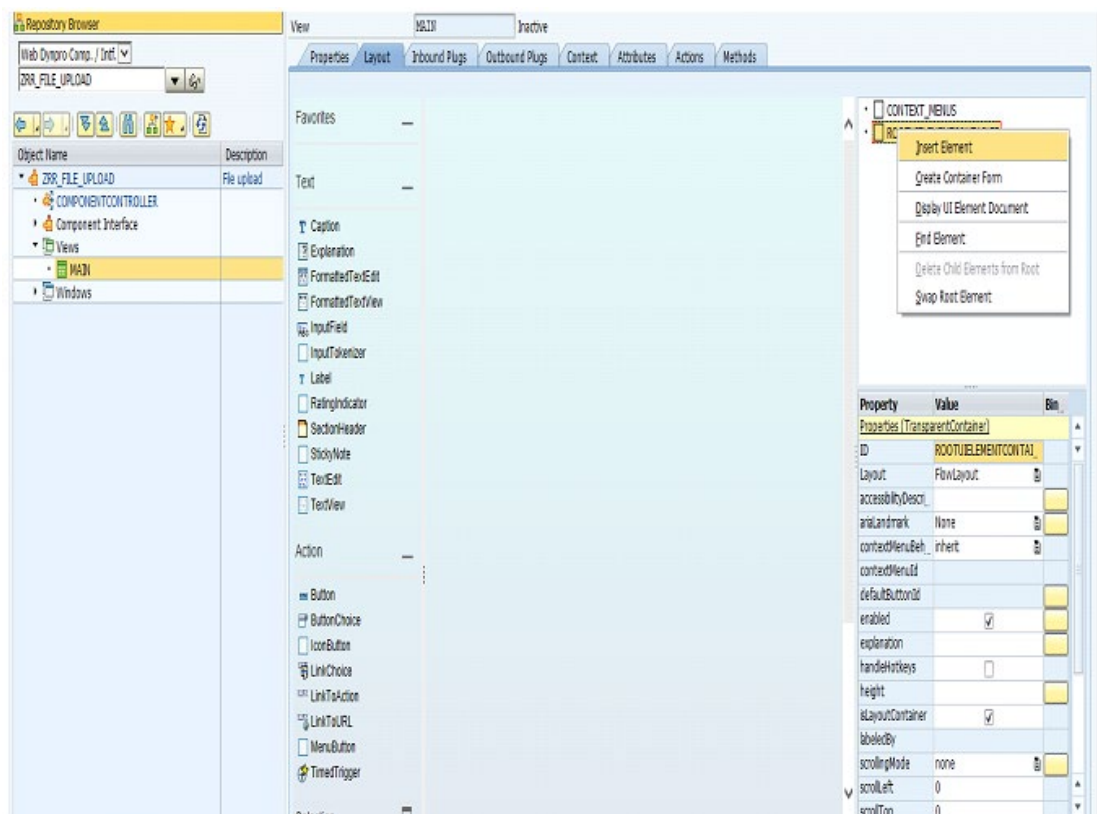Go to layout, right click on rootelementcontainer->insert element.

fig-5

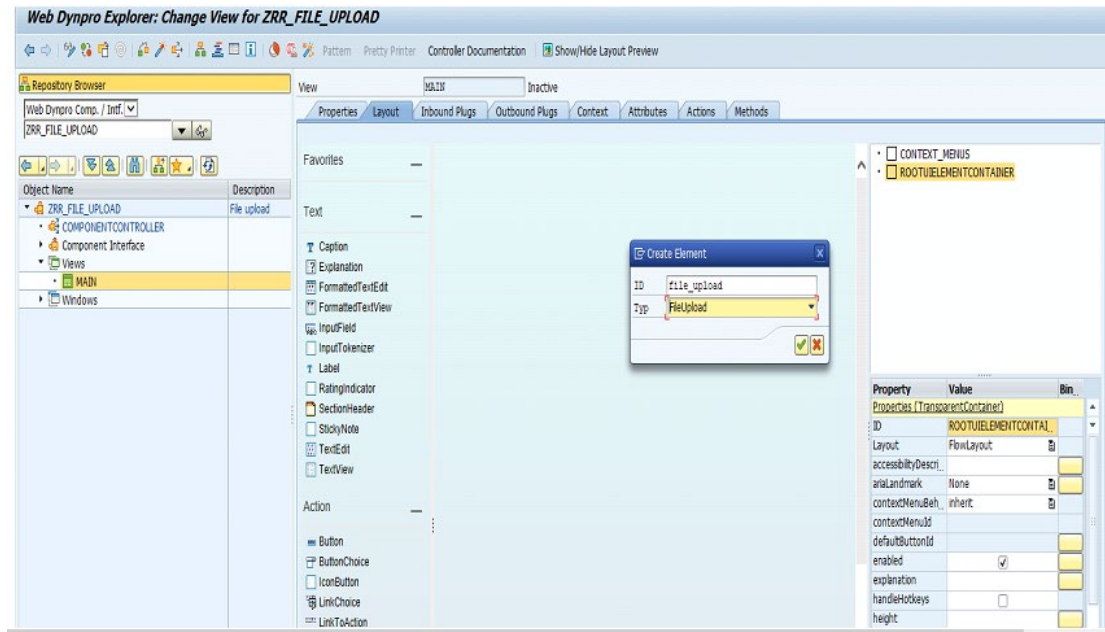Create the element as shown below.

fig-6

In property bind data to content, filename to file_name and mimetype to mime_type as shown below.

fig-7

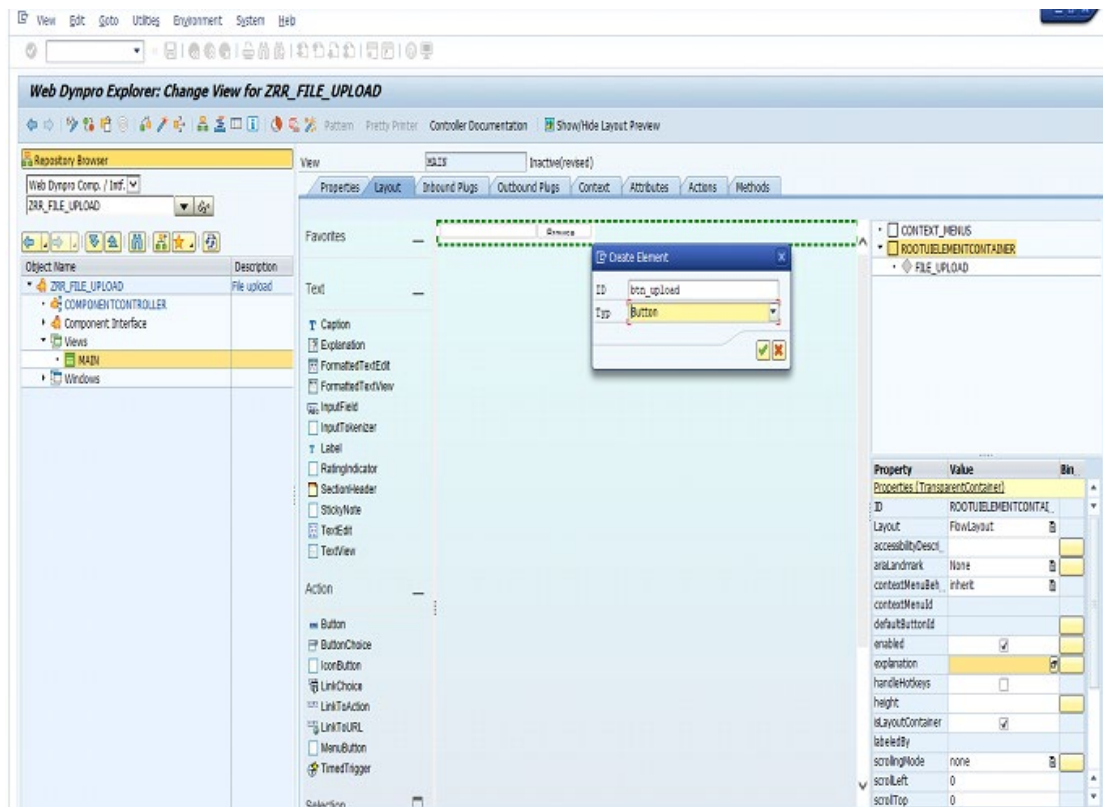Again right click on rootelementcontainer -> create one more element as shown below.

fig-8

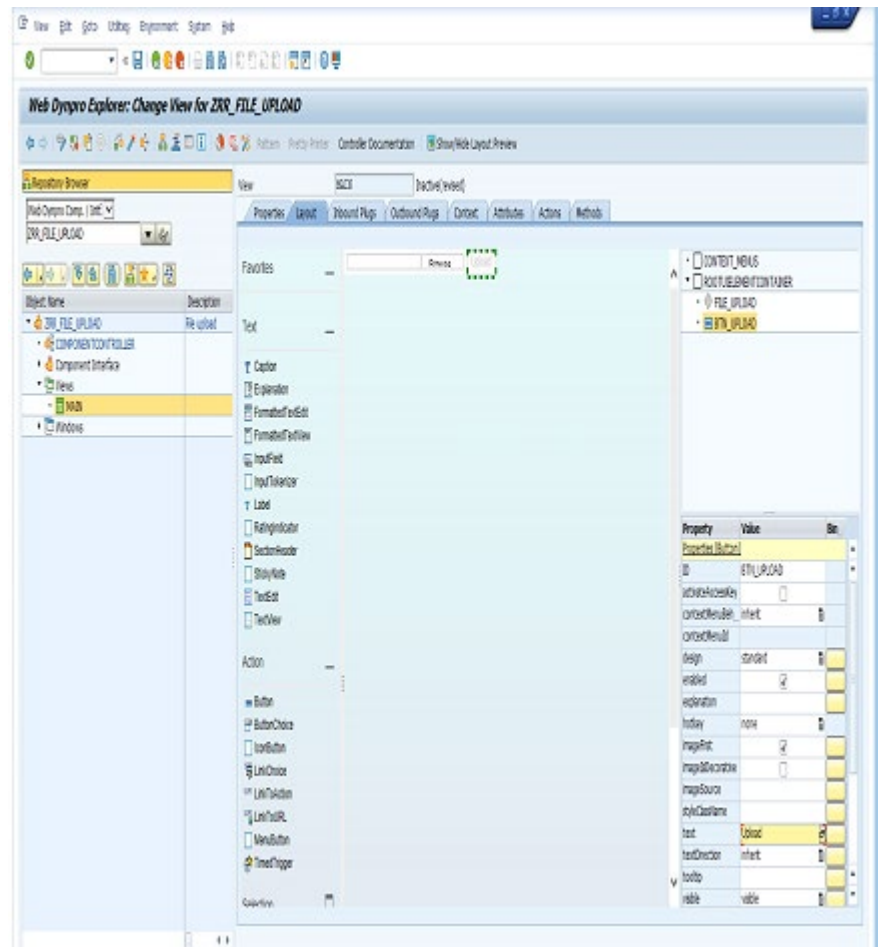Provide the text for the button in the property.

fig-9

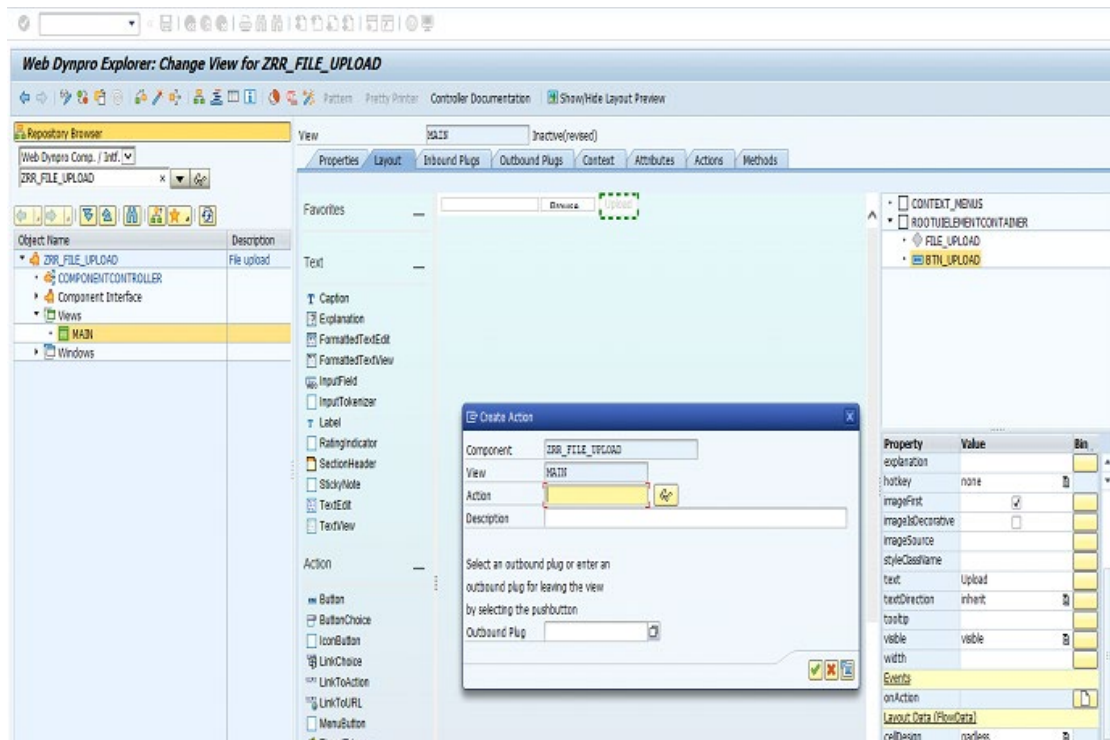Click on Onaction event property.

fig-10
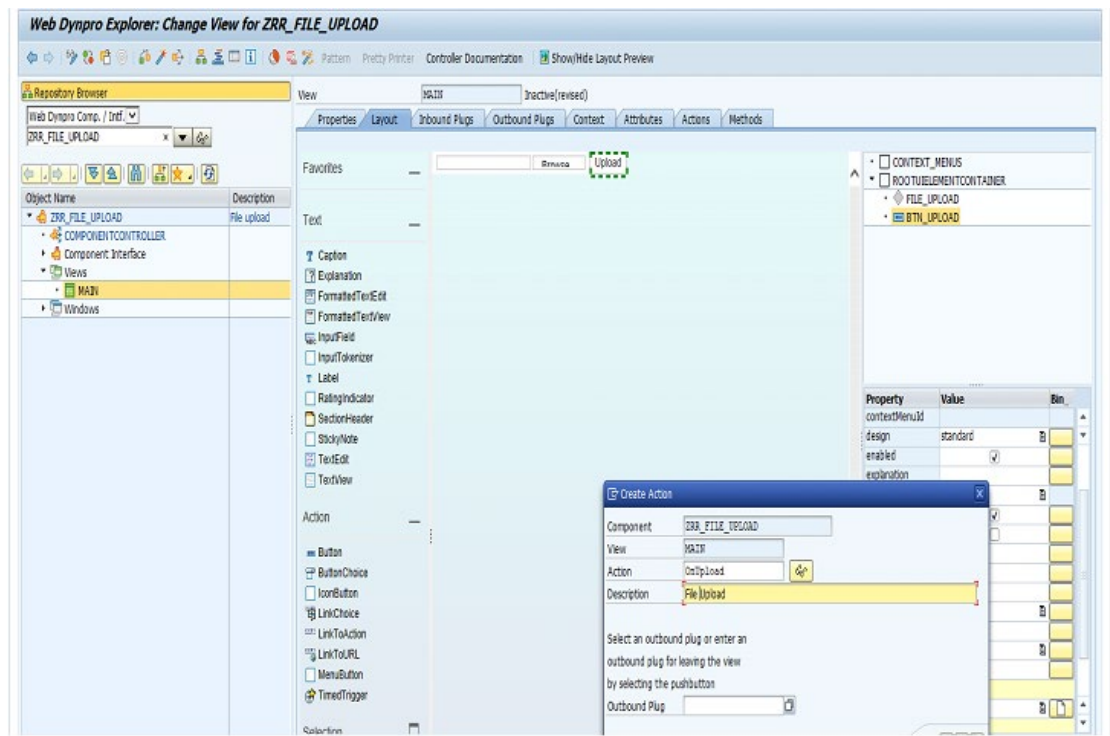
Create on upload event as shown.

fig-11

Go to methods tab there a method will be created with your event name of type event handler. Double click on that method(onactiononupload).
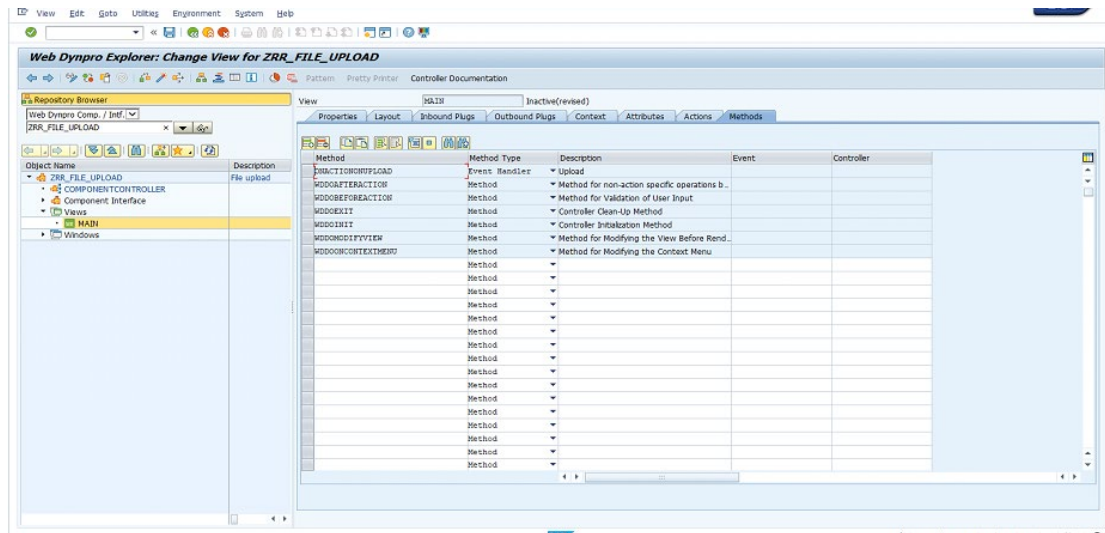

fig-12

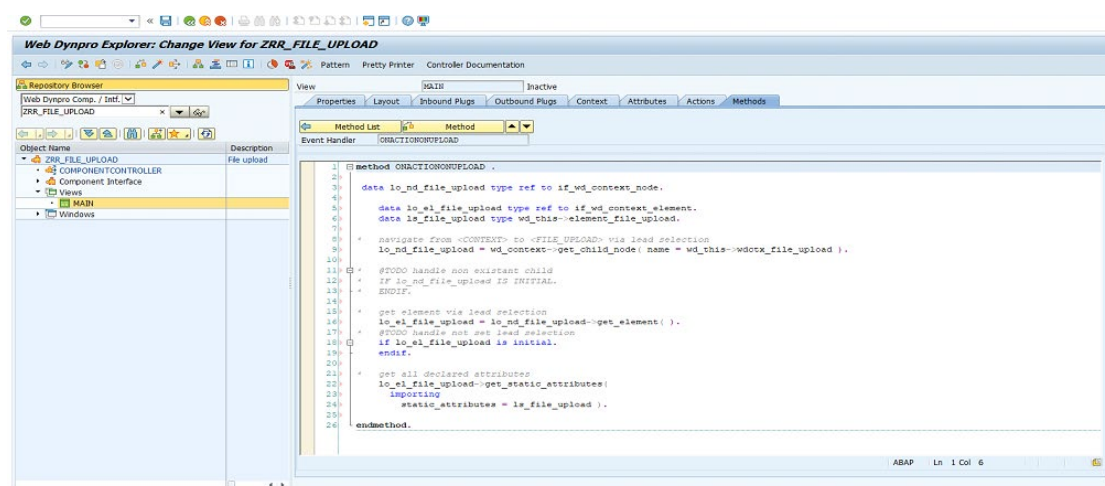Write the following code in that method.

fig-13

Code

```
Method ONACTIONONUPLOAD.
  data lo_nd_file_upload type ref to if_wd_context_node.
  data lo_el_file_upload type ref to if_wd_context_element.
  data ls_file_upload type wd_this->element_file_upload.


*   navigate from <CONTEXT> to <FILE_UPLOAD> via lead selection
  lo_nd_file_upload = wd_context->get_child_node( name = wd_this->wdctx_file_upload ).
*   @TODO handle non existant child
*   IF lo_nd_file_upload IS INITIAL.
*   ENDIF.
*   get element via lead selection
  lo_el_file_upload = lo_nd_file_upload->get_element( ).
*   @TODO handle not set lead selection
  if lo_el_file_upload is initial.
  endif.


*   get all declared attributes
  lo_el_file_upload->get_static_attributes(
    importing
      static_attributes = ls_file_upload ).
Endmethod.
```

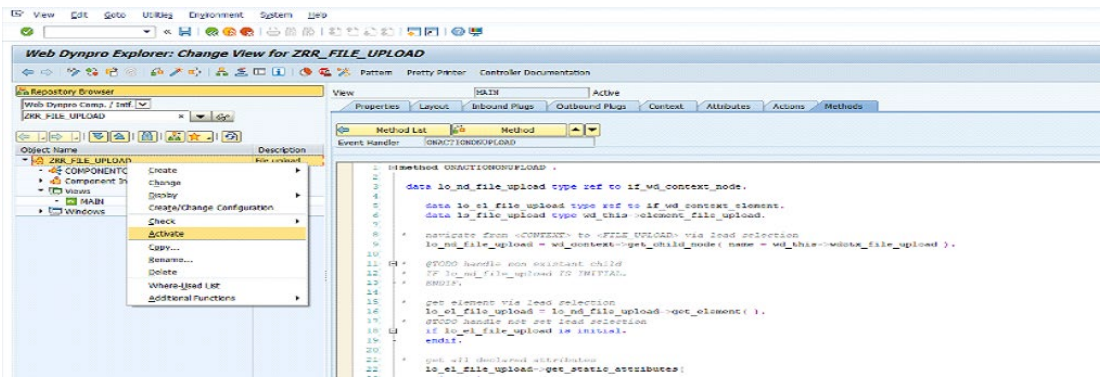Before activating the method activate the webdynpro object.

fig-14

Then activate the method.
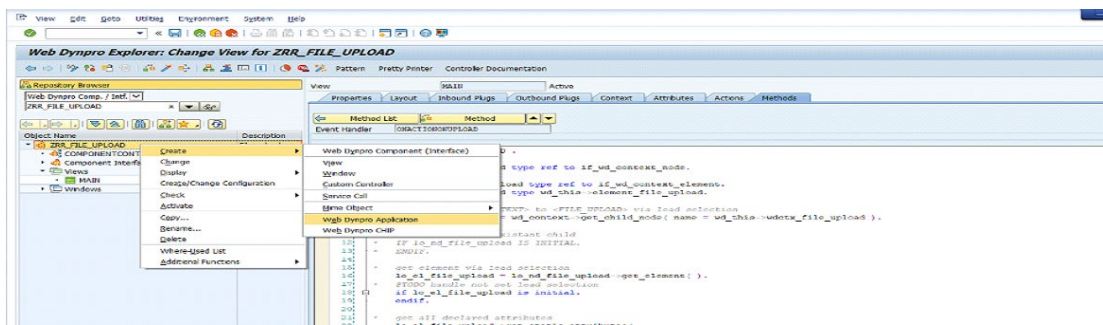Create the webdynpro application.

fig-15
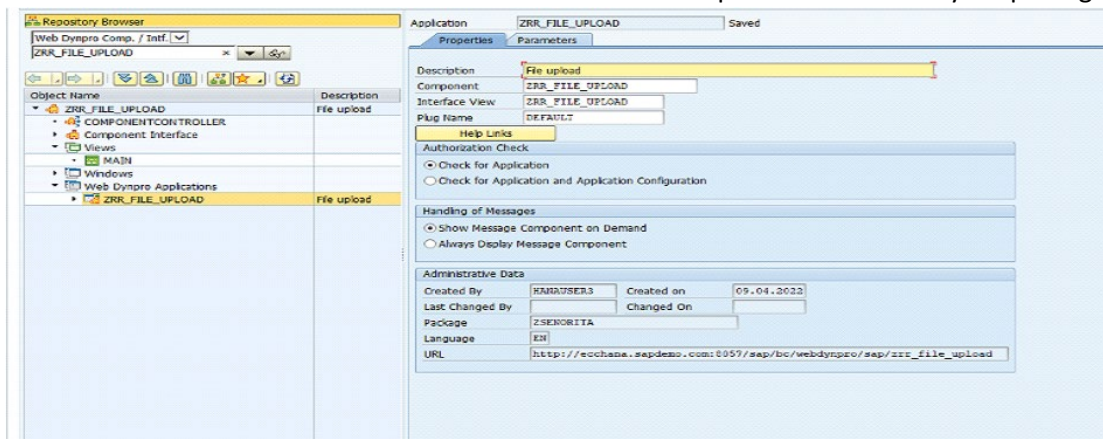
Give description and save it in your package.

fig-16

Click on webdynpro application and click on execute.
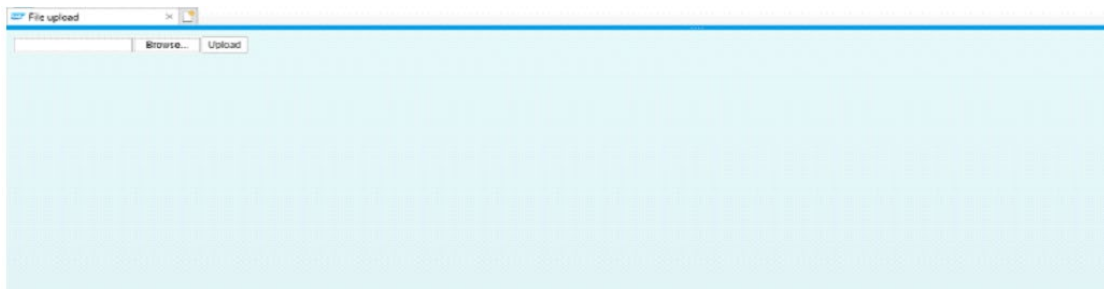Following output screen will appear

fig-17

Click on browse and choose the file to be uploaded.
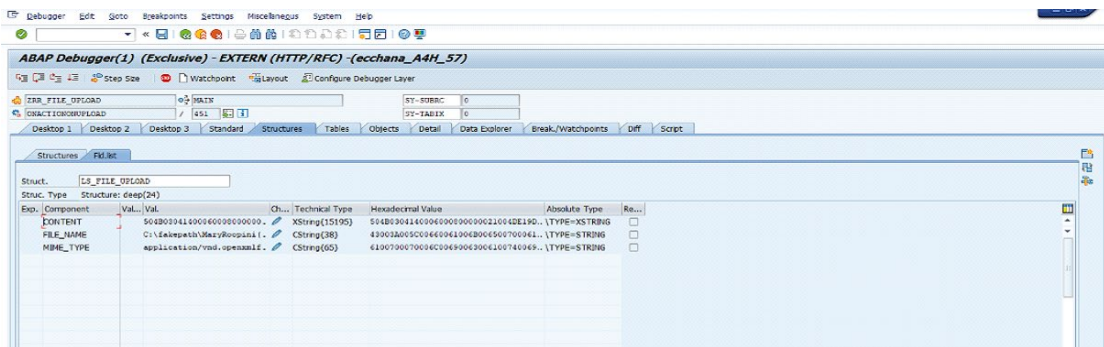In debugging you can see the content , filename and mimetype.

fig-18

File Download

Go to SE80 T-code, in that Repository Brower select Web Dynpro Comm. / Intf. And give the
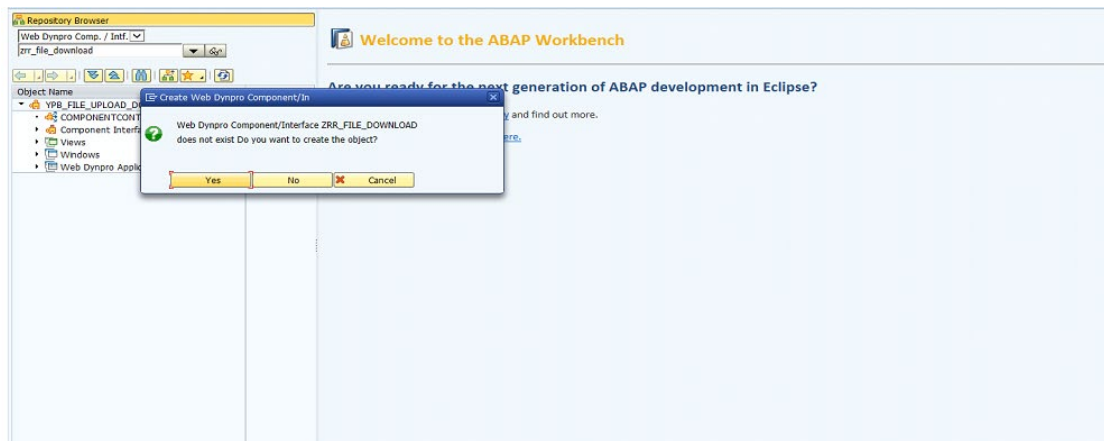name, discription & save it as shown below.

fig-19

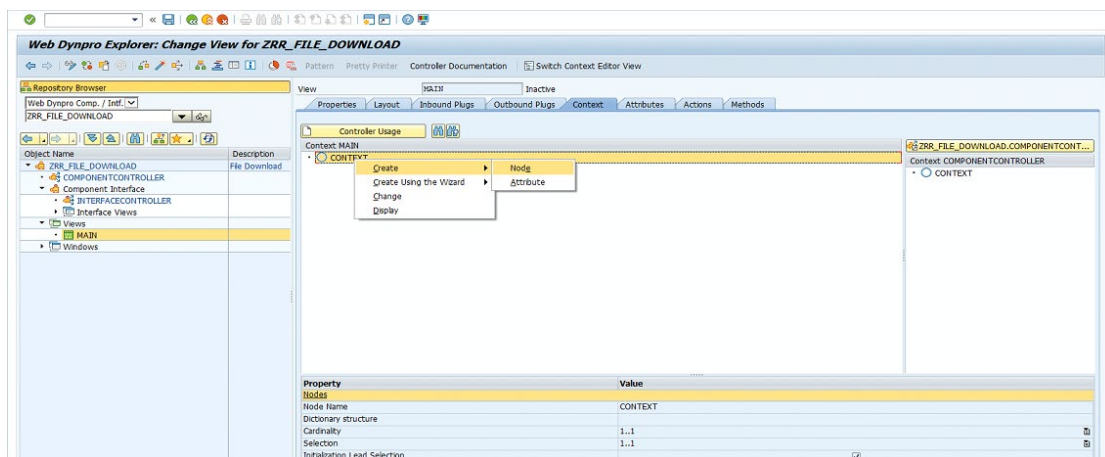Go to views -> context, right click on context ->create->node.

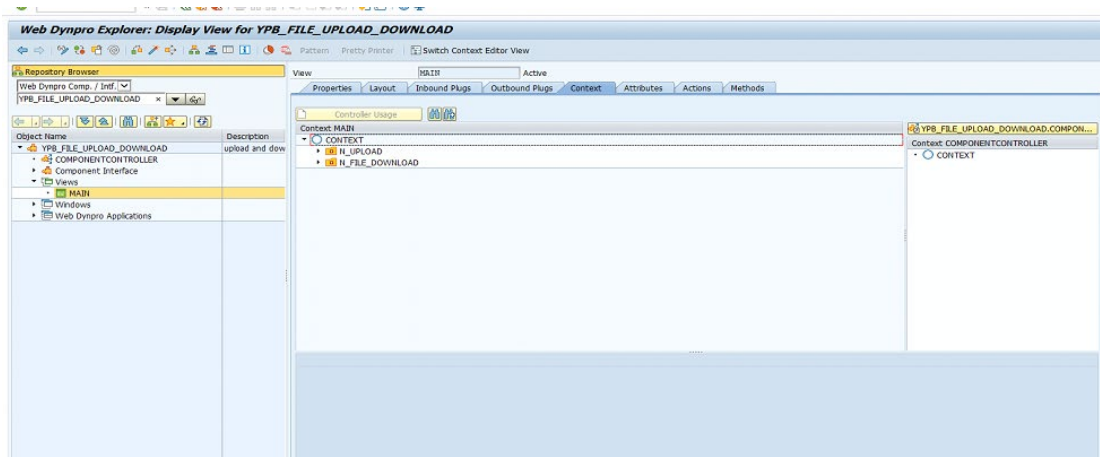*fig-20*

Create two nodes as mentioned.

fig-21

Right click on node and create the following attributes under each node

Node – n_upload

Attribute name	Type
File_name	String

File_type	String
File_size	String
File_contents	Xstring

Node – n_file_download