

[Blog Post] Working with HTTP multipart requests in soapUI

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multipart/form-data requests usually come into action when you do HTML form submissions with file attachments. For example, have a look at the following HTML form post.

```
<form action="http://localhost:8090/CKFileUploadApp/UploadServlet" method="post">
  <input type="file" name="file">
  <input type="text" name="paramName">
  <input type="submit" name="Submit" value="Upload File">
</form>
```

In the forms like above, we have file upload option as a form input where we can upload a file along with the form submission. In that case, the request's HTTP content type will be multipart/form-data. How can we simulate such a request using soapUI?

Pre-requisite:

You can have your own file upload servlet as the backend. But in order to demonstrate the scenario, I have hosted a sample webapp, CKFileUploadApp.war from [here](#) [1]. Make sure to change the following context parameter value in WEB-INF/web.xml directory before deploying the web application in Apache tomcat.

```
file-upload/home/charitha/
```

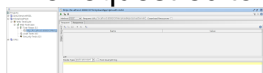
Step 1

Start to create a new soapUI project. Specify a name and select Create Web TestCase option.

Add Web TestCase dialog will be displayed. Enter `http://localhost:8080/CKFileUploadApp/UploadServlet` as the Web Address. Clear Start Recoding Immediately option and click on OK.

Step 2

Once the new HTTP request is added as explained in the first step, change the HTTP method to POST. The request editor should look like the following.



Step 3