

COUCHDB - ATTACHING FILES

Attaching Files using cURL

You can attach files to CouchDB just like email. The file contains metadata like name and includes its MIME type, and the number of bytes the attachment contains. To attach files to a document you have to send PUT request to the server. Following is the syntax to attach files to the document –

```
$ curl -vX PUT http://127.0.0.1:5984/database_name/database_id  
/filename?rev=document_rev_id --data-binary @filename -H "Content-Type:  
type of the content"
```

The request has various options that are explained below.

- **--data-binary@** - This option tells cURL to read a file's contents into the HTTP request body.
- **-H** - This option is used to mention the content type of the file we are going to upload.

Example

Let us attach a file named **boy.jpg**, to the document with id **001**, in the database named **my_database** by sending PUT request to CouchDB. Before that, you have to fetch the data of the document with id **001** to get its current **rev** id as shown below.

```
$ curl -X GET http://127.0.0.1:5984/my_database/001  
{  
  "_id": "001",  
  "_rev": "1-967a00dff5e02add41819138abb3284d"  
}
```

Now using the **_rev** value, send the PUT request to the CouchDB server as shown below.

```
$ curl -vX PUT http://127.0.0.1:5984/my_database/001/boy.jpg?rev=1-  
967a00dff5e02add41819138abb3284d --data-binary @boy.jpg -H "Content-Type:  
image/jpg"
```

Verification

To verify whether the attachment is uploaded, fetch the document content as shown below –

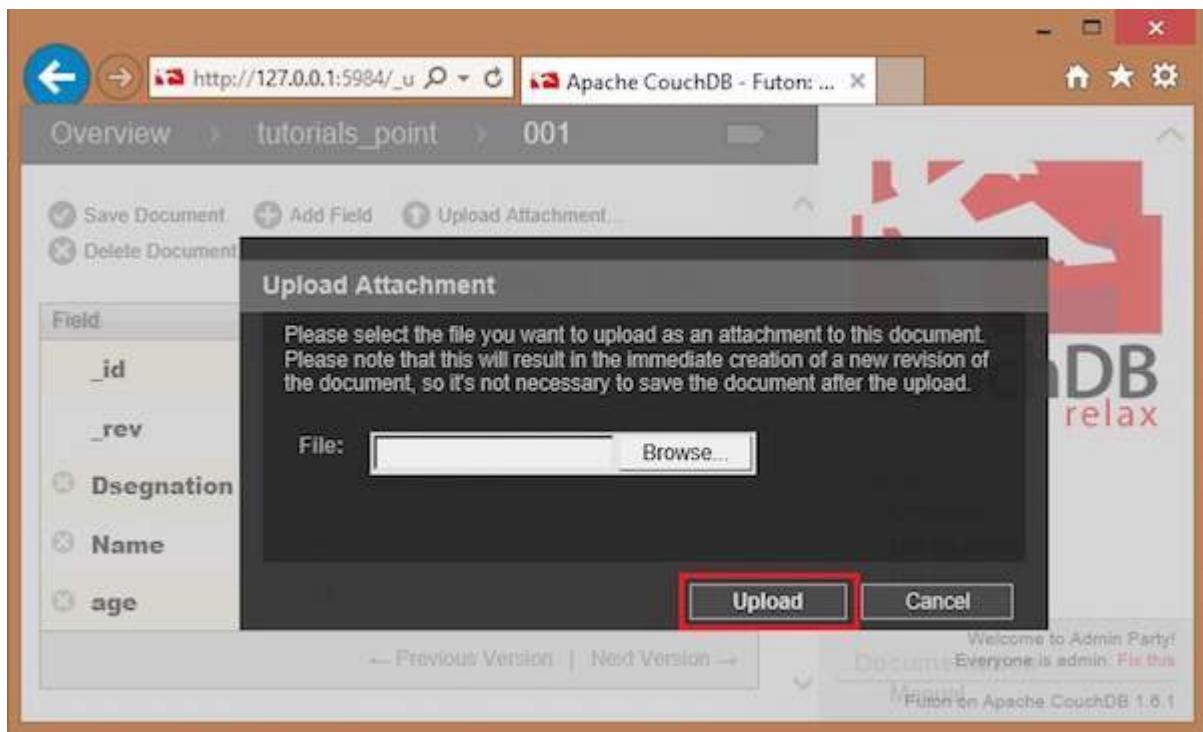
```
$ curl -X GET http://127.0.0.1:5984/my_database/001  
{  
  "_id": "001",  
  "_rev": "2-4705a219cdcca7c72aac4f623f5c46a8",  
  "_attachments": {  
    "boy.jpg": {  
      "content_type": "image/jpg",  
      "revpos": 2,  
      "digest": "md5-9Swz8jvmga5mfBIsmCxTQ==",  
      "length": 91408,  
      "stub": true  
    }  
  }  
}
```

Attaching Files using Futon

Upload Attachment

Using this option, you can upload a new attachment such as a file, image, or document, to the

database. To do so, click on the **Upload Attachment** button. A dialog box will appear where you can choose the file to be uploaded. Select the file and click on the **Upload** button.



The file uploaded will be displayed under `_attachments` field. Later you can see the file by clicking on it.