
Question

[Jenna Poindexter](#) · Mar 26, 2020

Upload binary image file using XMLHttpRequest from CSP page to IRIS for Health

Hi-

I am trying to create a simple example of allowing binary (tiff) files to be selected and uploaded asynchronously to an IRIS for Health back-end. I have managed to write the HTML and Javascript which works great with regular text / ascii files, but fails with binary files.

When I upload a binary file (tiff) image I get garbage like this on the database server

```
^TKEN(5,"data")="MM"$c(0)"_"$c(0,128)"_g yyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyy
yyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyy
yyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyy
```

The csp page I am using for the upload is as follows:

```
<html>
```

```
<head>
```

```
<script language="cache" method="OnPreHTTP" returntype="%Boolean">
```

```
    set ^TKEN=$I(^TKEN)
```

```
    quit $$$OK
```

```
</script>
```

```
<script language="javascript">
```

```
function FileLoad(){
```

```
    var formData = new FormData();
```

```
    var file = document.getElementById("myFile").files[0];
```

```
    formData.append("fileName", file.name);
```

```
    formData.append("fileSize", file.size);
```

```
    formData.append("file", file, file.name);
```

```
    var xhr = new XMLHttpRequest();
```

```
// Upload data to server

xhr.open("POST", "cacheFile.csp", true);

xhr.send(formData);

xhr.onload = function(e) {
    if (this.status == 200) {
        alert(this.status + ' everything okie dokie');
        // everything is OK
    } else {
        alert(this.status + ' ' + this.statusText);
    }
};
}

</script>

<!-- Put your page Title here -->

<title>    Medical Record Upload </title>

</head>

<body>

        Select file to upload:

        <input type="file" name="fileToUpload" id="myFile" onchange="javascri
pt:FileLoad();">
</body>
</html>
```

I think there has to be something I ' m missing in the javascript function “ FileLoad ” , but have no clue what that could be.

Any HTML/Javascript expertise that might be able to point me in the right direction

[#CSP](#) [#JavaScript](#) [#InterSystems IRIS for Health](#)

Source

URL: <https://community.intersystems.com/post/upload-binary-image-file-using-xmlhttprequest-csp-page-iris-health>