Media Web Server Programmer’s Guide v1.0

Media Web Service is designed for storing files and sending them back when queried. Media Server has two endpoints which are “/image” (http-post) for sending files to be stored and “/QueryFile” (http-get) for retrieving files.

# End Points

## “image”

This endpoint is being used for posting files to be stored. It has 7 parameters (“lon”, “lat”, “fn”, “ft”, “un”, “pw”, “pl”) and each of them needs to be filled and the file to be stored needs to be posted as a stream. If the file post request will be successful the response code will be “201” and response text will be “201 File Created”

* **lon:** Longitude value of the file if there is not a coordinate for the file the value will be “0”.
* **lat:** Latitude value of the file if there is not a coordinate for the file the value will be “0”.
* **fn:** File name.
* **ft:** File type (extension).
* **un:** SAEDI username.
* **pw:** SAEDI password.
* **pl:** Public property**.** If it is “True” file will be stored in a public folder and response context will have file GUID and file URL, if the value it is not “True” the file will be stored in a secured folder and response context will have only file GUID.

Sample URL for endpoint:

*http://media.fixzone.com/MediaServer.dll/image?lat=0.00000000&lon=0.00000000&fn=Test&ft=jpg&un=username&pw=password&pl=True*

Sample response context for a public file request:

*Url:"https://litmus.fieldengineer.co.uk/ms/Public/jpg/2017/11/17/{80DF5FAE-86B2-4F7F-BEE6-256CC437AD67}.sasa.jpg"GUID:"{48CD5EF3-8ECB-E711-BA92-000C2991128D}"*

Sample response context for a private file request:

*GUID:"{7224C033-8FCB-E711-BA92-000C2991128D}"*

## “QueryFile”

This endpoint is for querying the file by the GUID. And you can have the file as a response stream or you can have the file URL as response context.

It has 3 parameters (“fguid”, “rt”, “lcl”, “prv”). If the file query request will be successful the response code will be “200” and response text will be “File Coppied”

* **fguid**: is the File GUID received when file posted.
* **rt**: request type can be one of these “LINK”, “FILE” or “HTML”. If request type is “LINK” response context will be file URL if it is “FILE” file will be send back as a response stream or if it is “HTML” response context will be a html page that shows the image.
* **lcl**: is being used for receiving the file URL for local network or out of the local network. If it is “TRUE” the file link will have the local URL of Media Server if it is “FALSE” file link will have the global URL of the Media Server.
* **prv**: it represents preview file. it the **rt**(request type) equals to “FILE” and **prv** equals to “TRUE” the response image will be converted into JPG format and if the image width or height is higher than 640 pixel will be shrink to 640. If it is “False” file will be sent in default size and format as response stream.

Sample URL for endpoint:

*http://media.fixzone.com/MediaServer.dll*/QueryFile?fguid={BBB99208-AACB-E711-BA92-000C2991128D}&rt=FILE&lcl=true&prv=true