



Upload File

Upload File Function (Task)

```
Task<> IPFS.IpfsFunctionLibrary.UploadFile(  
    IpfsPinningServiceConfig ipfsPinningServiceConfig,  
    string bearerToken,  
    string fileToUpload,  
    string saveAs)
```

This function uploads a local file to the *IPFS* network. This function requires inputs as follows:

- `ipfsPinningServiceConfig`: Holds the URL and name of the pinning service to send the request to.
- `bearerToken`: The API token for authentication.
- `fileToUpload`: The path of the file to upload.
- `saveAs`: Optional alternate filename for the uploaded file on IPFS. If left empty, the original filename will be used.

The returned *Response* is a `Task` that holds data such as headers, status code, and body of the response of the HTTP request.

```
Task<(bool success, string errorMessage, HttpResponseMessage response, string cid)>
```

! INFO

If `success` is `true` that only means the upload to the *IPFS* network was successful.

If successful, returns the `cid` of the uploaded file in *string* format.


Upload File Function (Delegate)

```
void IPFS.IpfsFunctionLibrary.UploadFile(  
    IpfsPinningServiceConfig ipfsPinningServiceConfig,  
    string bearerToken,
```

```
string fileToUpload,  
string saveAs,  
IpfsUploadFileDelegate responseDelegate)
```

This is a wrapper function for the async implementation. It exists to provide the same functionality but using a delegate for handling responses.

```
delegate void IpfsUploadFileDelegate(  
    bool success,  
    string errorMessage,  
    HttpResponseMessage response,  
    string cid)
```

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