

File Upload

The file upload interface in Tiki is

- Not taking advantage of modern browser possibilities
- Not consistent (ex.: The [Files Tracker Field](#) accepts drag and drop but not the [File Gallery](#) upload)

Tiki should select a modern file upload lib, and proceed to appropriate integration throughout This page is to compare options. See also [forum thread about File upload component choice](#)

Library comparison chart

Feature / Library	FileAPI	jQuery File Upload	Bootstrap File Input (already in Tiki, and a file/image browser)	elFinder	flow.js
Client-size resize of images. This is really important because phone nowadays will take huge pictures, and in some cases, there is no setting to reduce picture size.	Yes	Yes			Via events (call any ext plugin)
Upload many files at once (requires modern browser)	Yes	Yes	Yes	Yes	Yes
Offer simple form based uploads as well as advanced ajax based uploads		Yes		Yes	
Templates to control rendering of layout, preview and styles		Yes		Yes	
Easily plug and play additional components		Yes			Yes

Inbuilt support to manage previously uploaded files on server.	Yes (only DELETE)		Yes	
Ability to preview files for many file types beyond images (e.g. image, text, html, video, audio. etc.)	Yes (images, audio and video, additional types can be realized via plugins)		Yes	
Ability to show custom preview file type icons for each file thumbnail.	Yes (can simply be done via templates and CSS)		Yes	
Get file from URL (to avoid download and re-upload)	No, but I've posted sample code here: https://gist.github.com/blueimp/5075976		On wishlist	
Enter caption with upload	Yes (see https://github.com/blueimp/jQuery-File-Upload/wiki/How-to-submit-additional-form-data for howto)		Yes (via extraData)	
Preview image, audio or video before upload (to avoid accidents)	Yes		Yes	Image
Progress bar	Yes		Yes	Yes
Limit file types for upload	Yes		Yes	Yes
Maximal file size or image dimensions (to block before upload)	Yes (max file size, image dimensions also possible via plugin)		Yes	Manual validation
Chunked upload (to get around server limits)	Yes	Yes	On wishlist	Yes

Cancelable uploads (Individual file uploads can be canceled)	Yes			Yes		
Resumable uploads	Yes					Yes
Upload from webcam	yes, via camanJS	No, but has API to upload File or Blob				
Drag & Drop	Yes	Yes		Yes	Yes	Yes
Available via Packagist	No	Yes, but Packagist meta data not maintained by main dev		Yes	Not official	Yes
License	MIT			BSD 3-Clause		MIT
Features that would be nice not just at upload						
Image crop	Yes	No, but possible via processing API			Via events (call any ext plugin)	
Watermark	Yes	No, but possible via processing API				
Orientation from EXIF	Yes	Yes			Via events (call any ext plugin)	
Other criteria						
AngularJS Integration	Yes					Yes

Some options

FileAPI

- <https://github.com/mailru/FileAPI>

jQuery File Upload

- <https://github.com/blueimp/jQuery-File-Upload>
 - has many options
 - Upload multiple resolutions of one image with multiple resize options
 - <https://groups.google.com/forum/#!forum/jquery-fileupload>
 - <https://packagist.org/packages/blueimp/jquery-file-upload>
- "The user interface of all versions except the jQuery UI version is built with Bootstrap and icons from Glyphicons."

Bootstrap File Input

- <https://github.com/kartik-v/bootstrap-fileinput>
- <http://webtips.krajee.com/ajax-based-file-uploads-using-fileinput-plugin/>
- <https://packagist.org/packages/kartik-v/bootstrap-fileinput>

elFinder

- [elFinder](#) also does a lot so file picker from elFinder could perhaps be re-used.

flow-php-server

- <https://packagist.org/packages/flowjs/flow-php-server>

Open Hub stats and comparisons

- https://www.openhub.net/p/_compare?project_0=jQuery-File-Upload&project_1=bootstrap-fileinput&project_2=FileAPI

Related links

- [File Gallery Revamp](#)