

# API Documentation

## Digital Stacks

Digital Stacks, or “Stacks”, provides delivery services to access content in the Stanford Digital Library. This takes the form of streaming downloads of files, image web services, or streaming media.

## API

### Downloading a file

The base url used for this service is `https://stacks.stanford.edu`.

### Summary

Will return binary download of content that from the Stanford Digital Library.  
Has access controls enabled so only authorized requests are allowed.

[Cross-Origin Resource Sharing \(CORS\)](#) is **enabled for this API**. This API advertises [HTTP Accept headers](#) enabling partial and resumable downloads.

```
GET /file/{id}/{file_name}
```

### Parameters

Name	Located In	Description	Required	Type	Default	Example
<code>id</code>	url	The ID of a digital object	Yes	string	null	<code>ab123cd456</code>
<code>file_name</code>	url	File name with extension	Yes	string	null	<code>test.pdf</code>

### Example Requests

```
https://stacks.stanford.edu/file/qq826dq9111/neighborhood-st
```

## Example of using this

This example by Elijah Meeks demonstrates how a web application can use Digital Stacks to power a visualization.

<http://bl.ocks.org/emeeks/757e699fed2658bcb42b>

## Downloading all files for a given object

The base url used for this service is <https://stacks.stanford.edu>.

## Summary

Will return a binary download of all accessible content associated with a given object from the Stanford Digital Repository in a zip archive.

```
GET /object/{id}
```

## Parameters

Name	Located In	Description	Required	Type	Default	Example
<a href="#">id</a>	url	The ID of a digital object	Yes	string	null	<a href="#">ab123cd4567</a>

## Example Requests

```
https://stacks.stanford.edu/object/qq826dq9111
# Will return a download of qq826dq9111.zip containing two f
```

## IIIF Services

Digital Stacks also serves some [IIIF](#) web services for Stanford Libraries. For more information about this implementation, see: [IIIF](#)

