Save to Locker API Specification

Version 1.0

Revision History

Version	Date	Comments
1.0	10/01/2016	Released verion 1.0

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# Save to Locker API Specification

Introduction

This document provides detailed specification of Save to Locker API provided by Digital Locker. This API enables saving of documents/certificates to the 'Uploaded Documents' section of Digital Locker. This document assumes that the reader is aware of Digital Locker application functionality.

Save to Locker Workflow

Various web applications can include the Save to Locker widget (button) in their web applications. The users of such web applications can save the documents provided by the application to their lockers. This following section shows the flow of Save to Locker functionality.

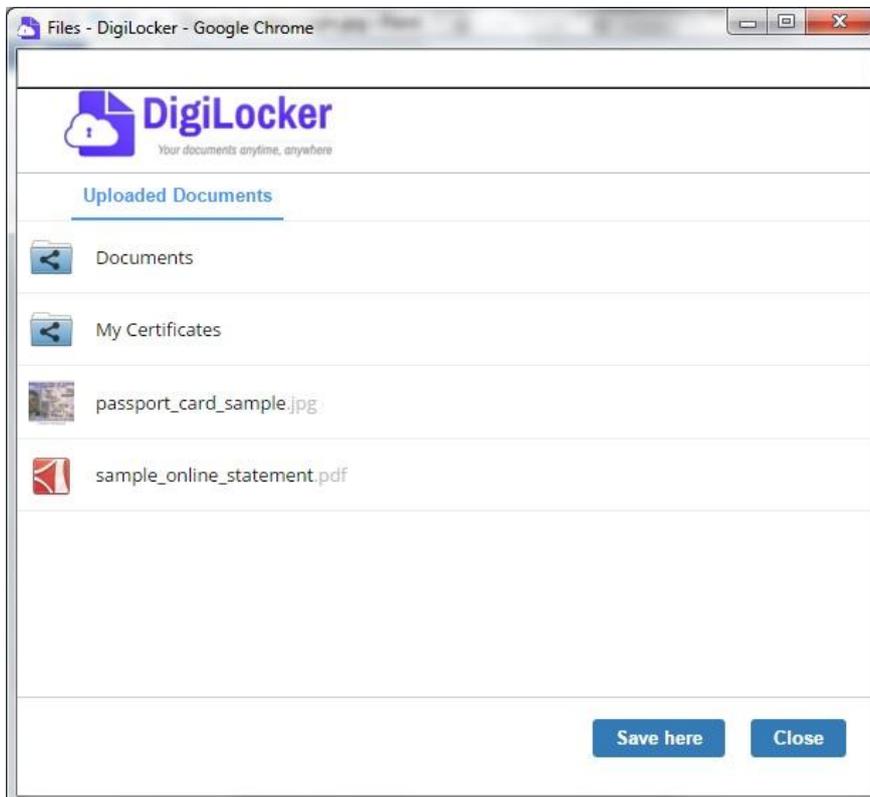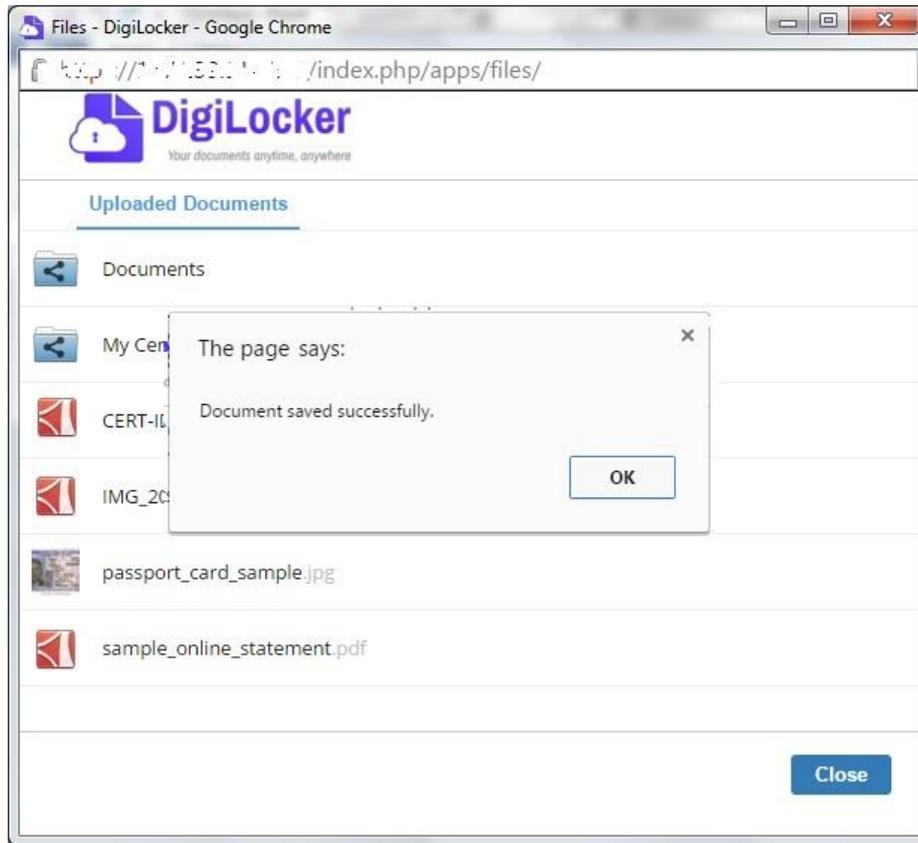**Step 1: User clicks "Save to DigiLocker" button on the client application.**
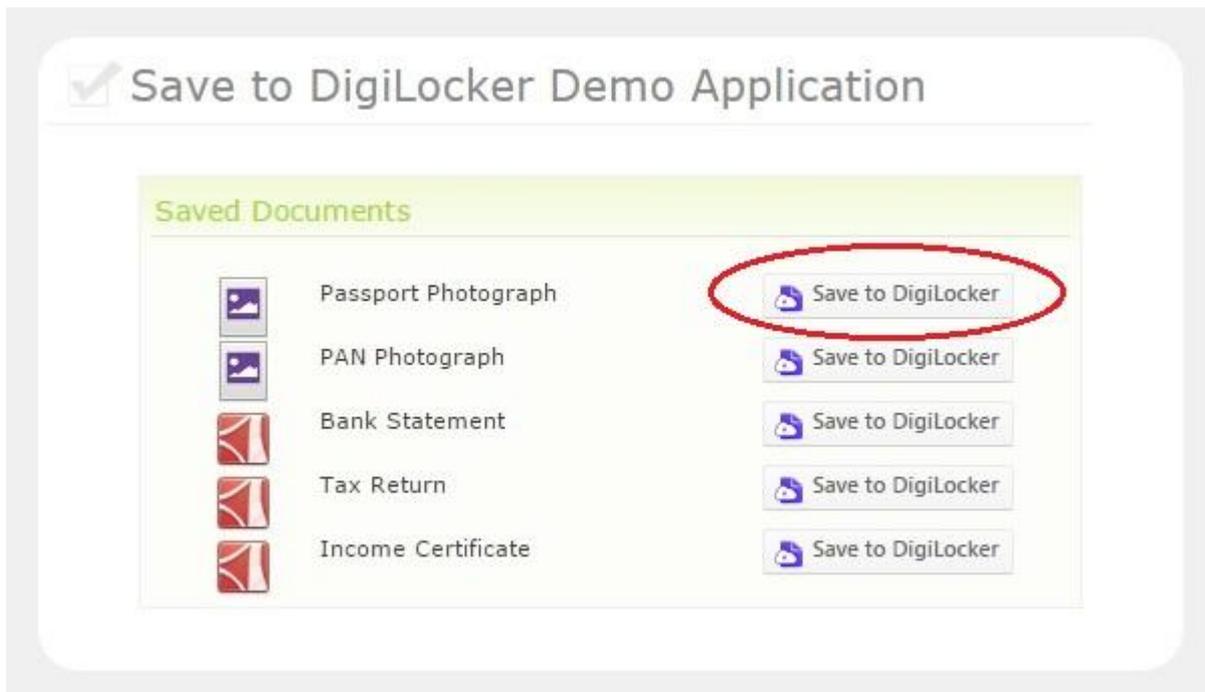
Step 2: DigiLocker window pops up and prompts user to login.
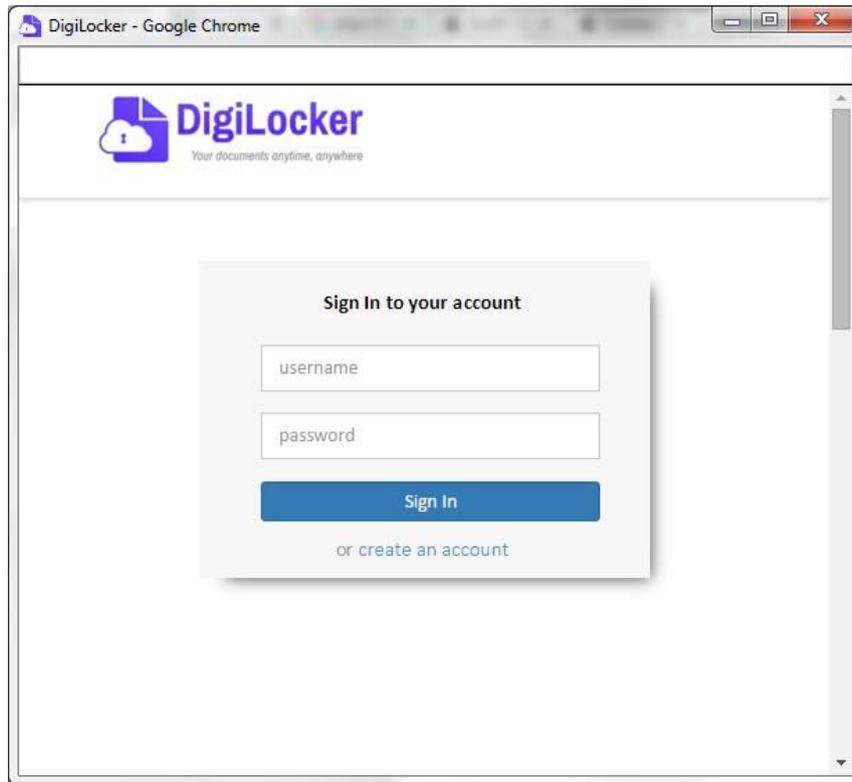
Step 3: User logs in to the account, selects the folder to Save the document and clicks Save here button.

Step 4: The application displays a message when document is saved successfully.

Steps to Integrate Save to Locker feature

Step 1: Register on DigiLocker
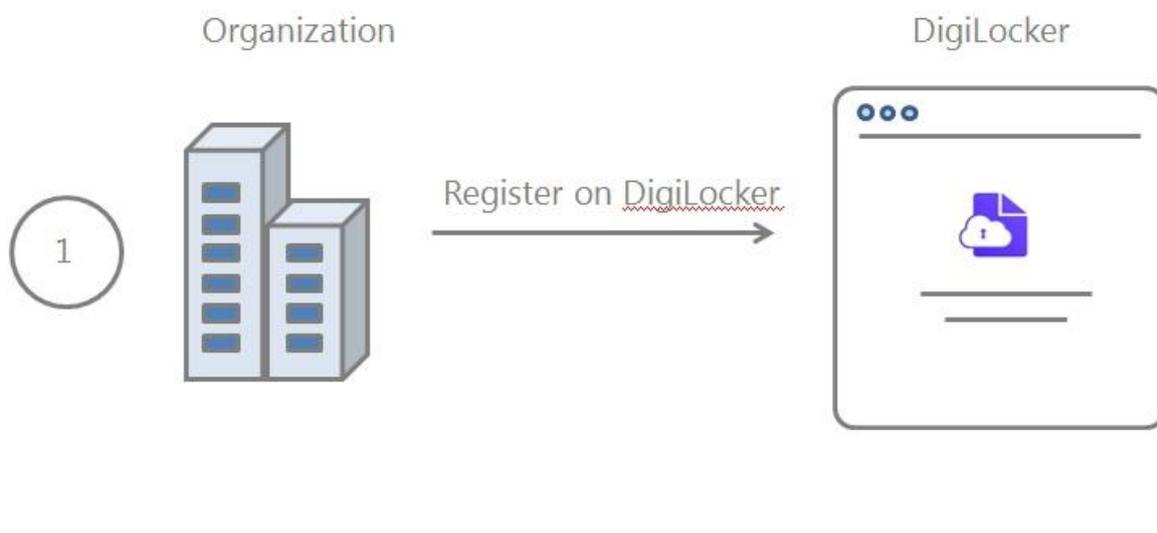
Step 2: Register your Application and Domain on DigiLocker
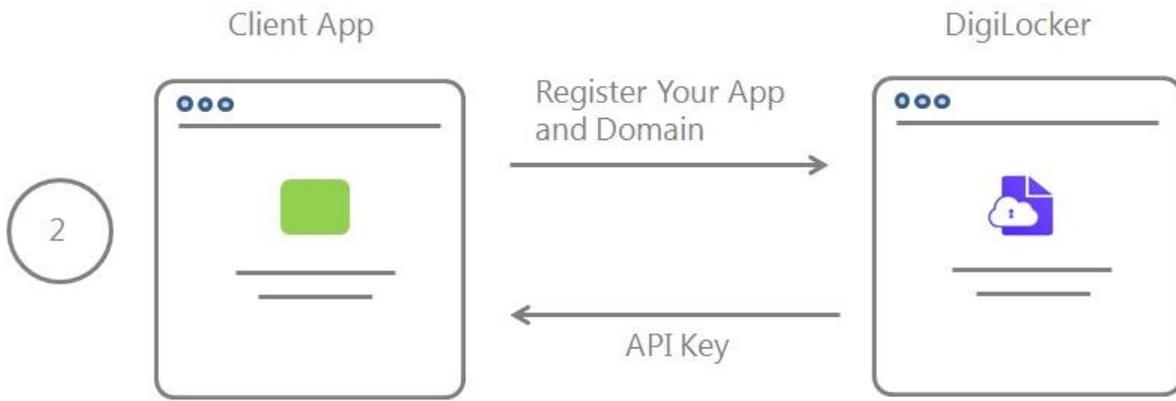
Step 3: Integrate DigiLocker Save to Locker Widget in your web application
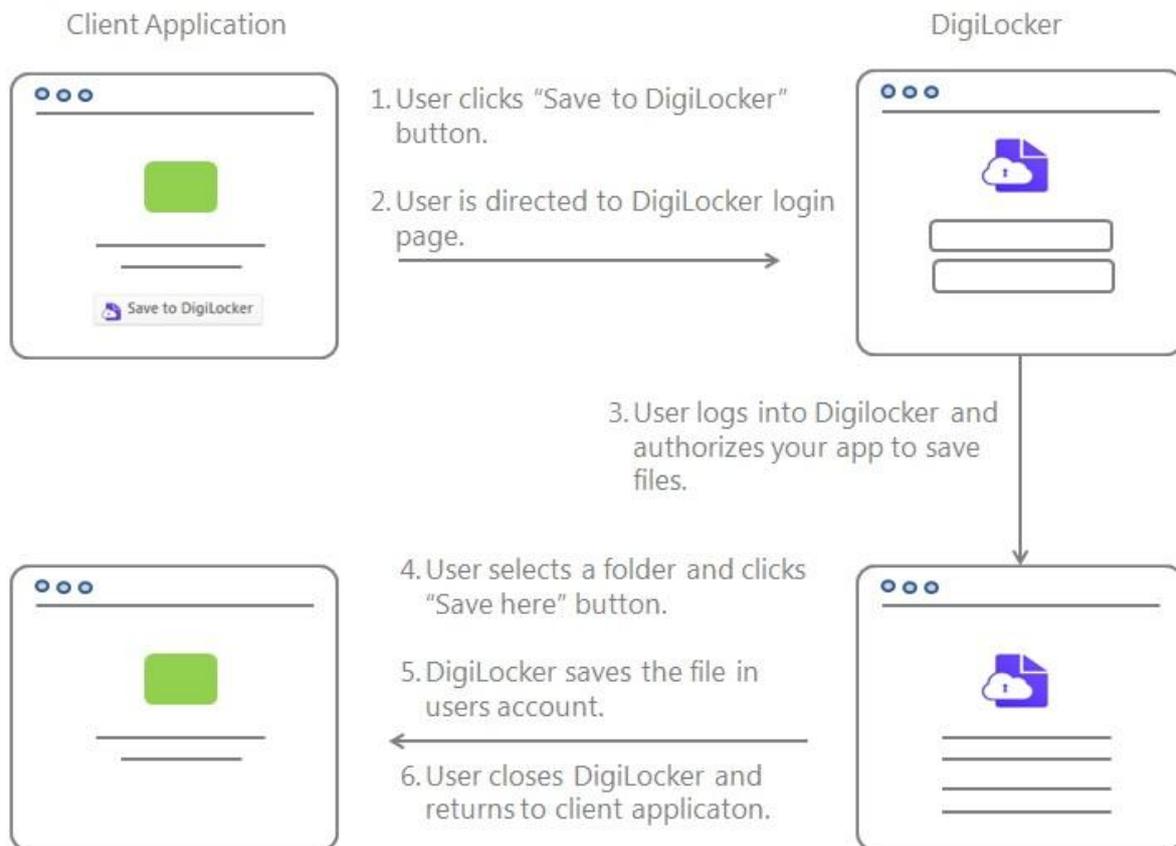
Integrating with Digital Locker

REGISTRATION

The first step in integrating with Digital Locker application is to register on DigiLocker partner portal. On successful registration, the client application must be registered along with the domain of your application from which the requests to save files will be initiated.

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During the registration process you create an application id (app id) for your application. You are provided with an api key which is a secret key for your application. The app id and the api key are used by DigiLocker to authenticate the request from your application.

TRIGGERING DIGILOCKER FROM YOUR WEB PAGE

DigiLocker provides a Save to Locker Widget to save a file into DigiLocker. This widget can be launched with a button provided by DigiLocker Javascript library. This launches DigiLocker application login page in a popup. A user can login using his/her DigiLocker login credentials. The user can then save the file by selecting the destination folder in DigiLocker. The Save to DigiLocker button looks like this -
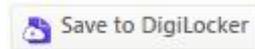
Once you register your application with DigiLocker, add following JavaScript snippet to your web page.

```
<script src="jquery.min.js"></script>

<script type="text/javascript"
src="https://services.digitallocker.gov.in/savelocker/api/1/savelocker.
js" id="dlshare" data-app-id="YOUR_APP_ID" data-app-hash=
"YOUR_APP_HASH" time-stamp="TIMESTAMP" >
</script>
```

Please note that the DigiLocker library uses jQuery. So please download jquery.min.js (mandatory) file from jQuery.com and place it on your web server. Specify the path of this file in the above snippet in the `src` parameter of jQuery script.

Provide app id that was provided during the application registration process in `data-app-id` parameter.

Provide SHA-256 encrypted value of your app id, app key and the timestamp values in this sequence in `data-app-hash` parameter.

Provide a timestamp value in IST time zone in `time-stamp` parameter. This timestamp value must not be older than 30 minutes.

To add the "Save to DigiLocker" button to your page, add following line to your web page where you want to add the button.

```
<a id="share_id" href="DOCUMENT_URL" class="locker-saver"></a>
```

Provide a unique `id` for every instance of the button on your web page. Provide the URL of the document that needs to be stored in DigiLocker in `href` parameter.

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If the integration is successful, see the DigiLocker login page on click of the "Save to DigiLocker" button on your webpage. If there is an error in the integration, the widget will show an authentication error and an error code. Following table lists the error codes.

Code	Description
203	Invalid app hash. One of app id, app key or timestamp is incorrect.
204	Invalid app id.
205	The app domain is not registered.
206	The timestamp is older than 30 minutes.
207	Not authorized for service.

HANDLING THE RESPONSE

The client receives the `result` attribute with a "SUCCESS" or "FAILURE" value after the file is saved to the Locker. This `result` attribute is added to <a> tag at the run time.