



Google Drive to Salesforce.com Easy Connector

An easy to use component
to store large amount of files

Mashathon APIs



IBM BlueMix



Google Drive

Problem

Allowing the use large amount of data into Salesforce Developer ORGs

Storage Usage

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Your organization's storage usage is listed below.

Storage Type	Limit	Used	Percent Used
Data Storage	5.0 MB	278 KB	5%
File Storage	20.0 MB	13 KB	0%

Advantages

- **Low prices** per GigaByte
- Use of **DE ORG with large amount of files** (no need to buy full license to test a solution based on file handling)
- Allowing **high volume users** (e.g. Community Users) to easily access and modify online files (e.g. from Sites), and control file access on a per User basis

Configuration

1. Setup Google App (need App ID)
2. Create main folder on GDrive
3. Configure Salesforce ORG to point to this folder (details in README.md file)
4. Configure Salesforce ORG to show the new components where needed

Technologies

- Sections on CRM page layouts
- Mobile cards on Salesforce1 details tab
- Lightning App (only as container)
 - Google APIs need use of remote JS library that cannot be stored “locally” on a static resource, thus it is impossible to create a native Lightning component that supports such feature (feature in development, see @SkipSauls response on forum <https://developer.salesforce.com/forums/ForumsMain?id=906F00000000ApfulAC>)

Application flow

1. User authorize admin GDrive app
2. User request access to the folder
3. Admin gives access to the folder
4. User can view /edit / create files on each object's folder