

DocFynd Injection Service – Document Category Service

Introduction

DocFynd injection service address the custom need of businesses. It provides an easy way for Salesforce developers to change the behavior of DocFynd application by adding custom logic via Apex code. For e.g., it is possible to restrict the document categories to show only specific value with certain criteria. Developers/Salesforce admins can write custom code to enable this kind of application behavior. DocFynd uses Dependency Injection to enable this customization.

What's under the hood

- Uses Salesforce Callable interface.
- Looks for some specific class names while executing the default functionality of DocFynd.
- Callable Interface at two decision points. For e.g., which document categories to be shown in the drop-down.

Sample use cases and implementations

DocFyndCategoryService

Where	Custom Class Name	Purpose
1. Document Category dropdown 2. Document List and Document Upload	<i>DocFyndCategoryService</i>	To override the default behavior of showing all document categories of the object.

Some common use-cases to use this injection service

- Showing document categories based on record ids.
- Showing different document categories based on the user.

Sample Apex Class

```
1 global class DocFyndCategoryService implements callable{
2     global object call(String action,Map<String , object>args){
3         InjectionServiceRes injectionServiceRes = new InjectionServiceRes();
4         switch on action{
5             when 'addCategory'{
6                 System.debug('args==> '+args);
7                 //Here, we can define our custom logic in order to fetch document categories
8                 //For eg., refer the below code
9                 List<docfynd__DocumentCategory__c> docCatList =[select Id,Name from docfynd__DocumentCategory__c
10                injectionServiceRes.response = docCatList;
11                injectionServiceRes.isActionExists = true;
12                return injectionServiceRes;
13            }
14            when 'changeCategory'{
15                System.debug('args==> '+args);
16                //Here, we can define our custom logic in order to fetch document categories
```

```

17         //For eg., refer the below code
18         List<docfynd__DocumentCategory__c> docCatList =[select Id,Name from docfynd__DocumentCategory__c
19         injectionServiceRes.response = docCatList;
20         injectionServiceRes.isActionExists = true;
21         return injectionServiceRes;
22     }
23     when else{
24         injectionServiceRes.isActionExists = false;
25         return injectionServiceRes;
26     }
27 }
28 }
29
30 }

```

Details of the Apex Class

- While executing its default functionality, DocFynd looks for the Apex class named '*DocFyndCategoryServices*' and the action named '*addCategory*' and '*changeCategory*'.
- Apex class and the action name needs to be exactly as mentioned and will not work if altered.
- Each time any of DocFynd interfaces tries to load the document categories, this class will be instantiated.
- **Input Parameters:** The record id of the custom object.
- **Return Type:** List of document categories (*List<docfynd__DocumentCategory__c>*) is expected as returning object here.