

ShepHertz



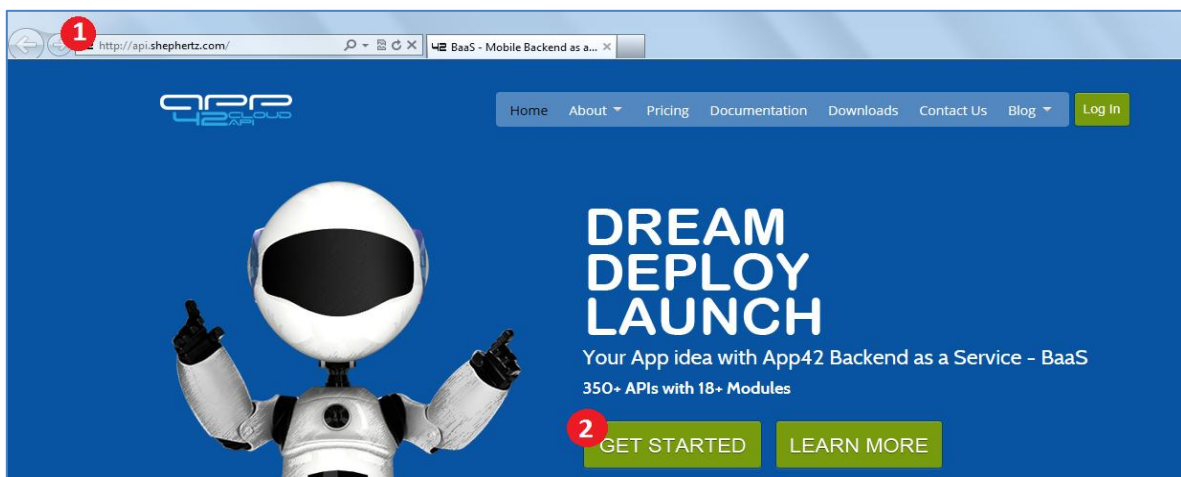
Plugins

SDK Tutorial

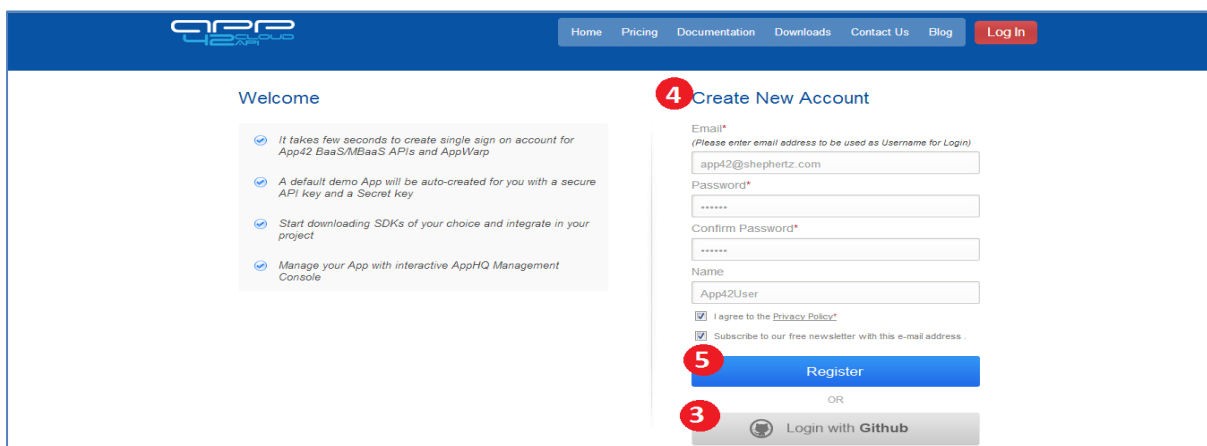
Welcome to App42 Cloud API, one stop shop for complete Backend as a Service (BaaS) solution for App developers!

Here are the steps to help you get started with your Grails Plugins to be integrated with your App.

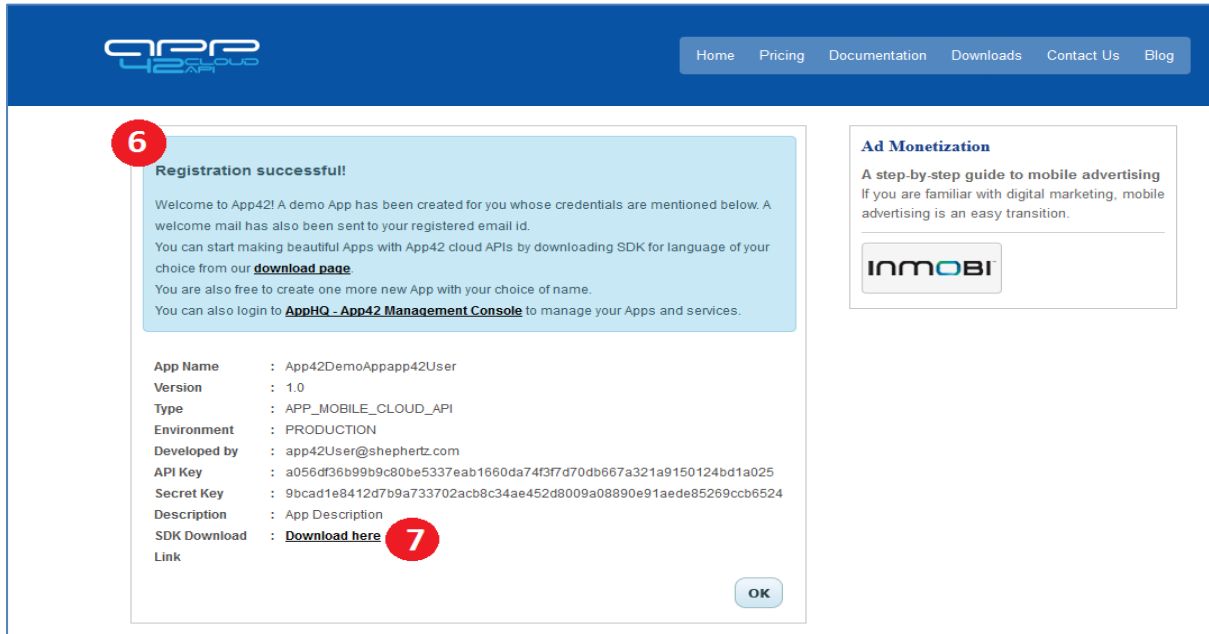
1. Go To <http://api.shephertz.com>.
2. Click on **Get Started** button.



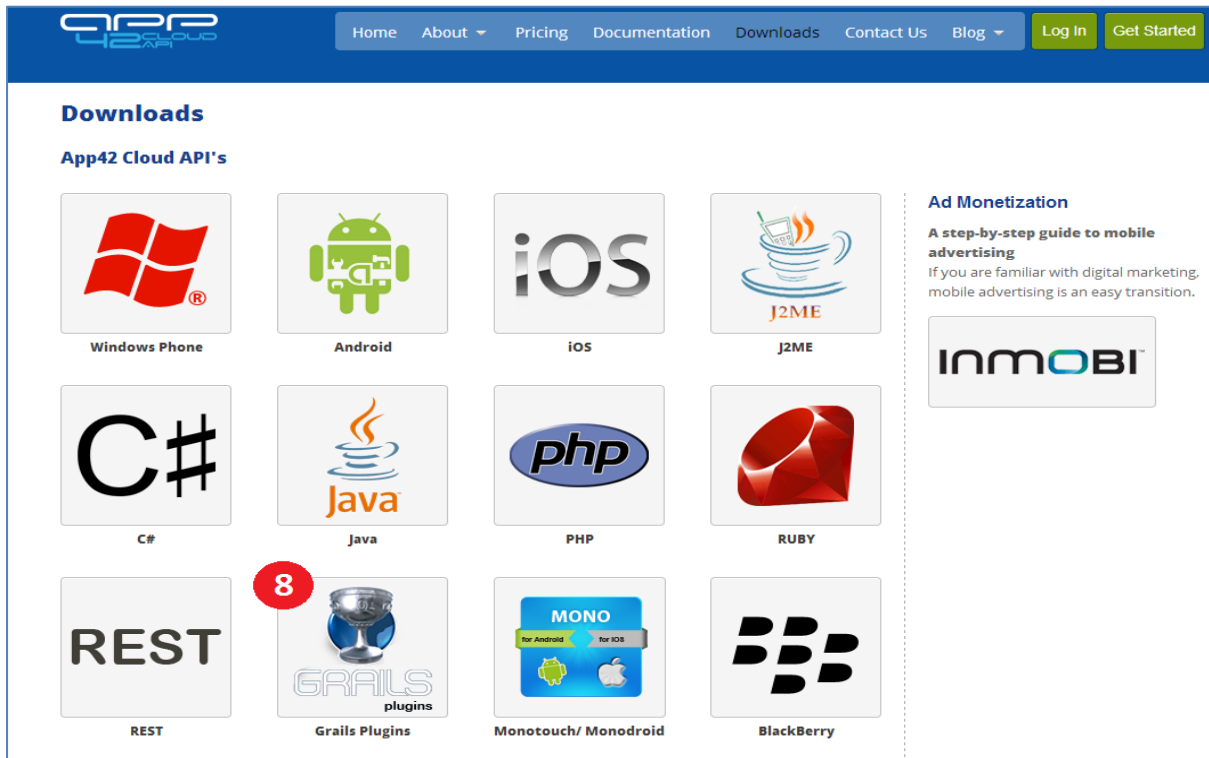
3. **Login with Github** account.
OR
4. Create your App42 account by providing us your contact information. It just takes few seconds.
5. Enter your details and click **Register** button.



6. On successful registration, a demo App will be created and apiKey and secretKey for the same will be generated. Intention of demo App is to make user experience seamless to use the APIs.
7. Click the [Download here](#) link.



8. From [Downloads](#), select the [Grails Plugins](#) icon to download the SDK.



9. Click on **Download** button.

The screenshot shows the App42 website's 'Grails Plugins' page. The page features a navigation bar with links for Home, About, Pricing, Documentation, Downloads, Contact Us, and Blog, along with 'Log In' and 'Get Started' buttons. The main content area includes a 'Grails Plugins' header, a description of the plugin, and a 'Download' button highlighted with a red circle containing the number '9'. Other elements include a 'Read Online' button and a link to a 'Quick start guide for App42 beginners'.

10. Save the SDK zip file and unzip on your local system. Unzip file will contain docs and sample folder which can be referred for detailed usage of SDK.

The screenshot displays the GitHub repository page for 'shephertz / app-forty-two-paas-plugin'. The page shows the repository name, star and fork counts, and navigation tabs for Code, Network, Pull Requests, Issues, and Graphs. Below these, there are options to clone the repository in Windows, ZIP, HTTP, SSH, or Git Read-Only. The commit history is visible, with a red circle and the number '10' highlighting the file 'grails-app-forty-two-paas-0.1.zip' in the commit list.

11. Integrate downloaded Plugin with your Grails project:

- i. Grails 2.0 users can install Grails Plugin with the following command:

```
grails install-plugin app-forty-two-paas
```

- ii. Grails 1.3.3/1.3.7 users need to add an extra plugin repository definition in BuildConfig.groovy:

```
repositories {
    grailsPlugins()
    grailsHome()
    grailsCentral()

    grailsRepo "http://grails.org/plugins" // You have to add this line
}
```

- iii. Insert the following [import](#) statement in your project:

```
import com.shephertz.app42.paas.sdk.plugin.grails.ApiService
import com.shephertz.app42.paas.sdk.plugin.grails.cloudapi.UserApp42Service
```

- iv. Find the sample code as mentioned below:

```
def index = {

    def apiService = new ApiService()
    def userApp42Service = new UserApp42Service()
    userApp42Service.apiService = apiService
    try{

        def userObj = userApp42Service.createUser("USER_NAME", "PASSWORD", "EMAIL_ID")

    }catch(App42Exception e){

        def appErrorCode = e.getAppErrorCode();

        if(appErrorCode == 2001) {

            // Handle here for Bad Request (The request parameters are invalid. Username
            '<userName>' already exists.)

        }

        else if(appErrorCode == 2005) { //The request parameters are invalid.
            //User with emailId '<emailId>' already exists.

        }

        else if(appErrorCode == 1401) { // handle here for Client is not authorized

        }

        else if(appErrorCode == 1500) { // handle here for Internal Server Error

        }

    }

}
```

- v. Build your project and run.

Log in to [App42 Management Console- AppHQ](#) to manage your Apps.

Refer to our [Documentation](#) for other language specific Quick Guides.

For any queries, write to us at: support@shephertz.com.

