

# How to use Ruby App42 Cloud API's

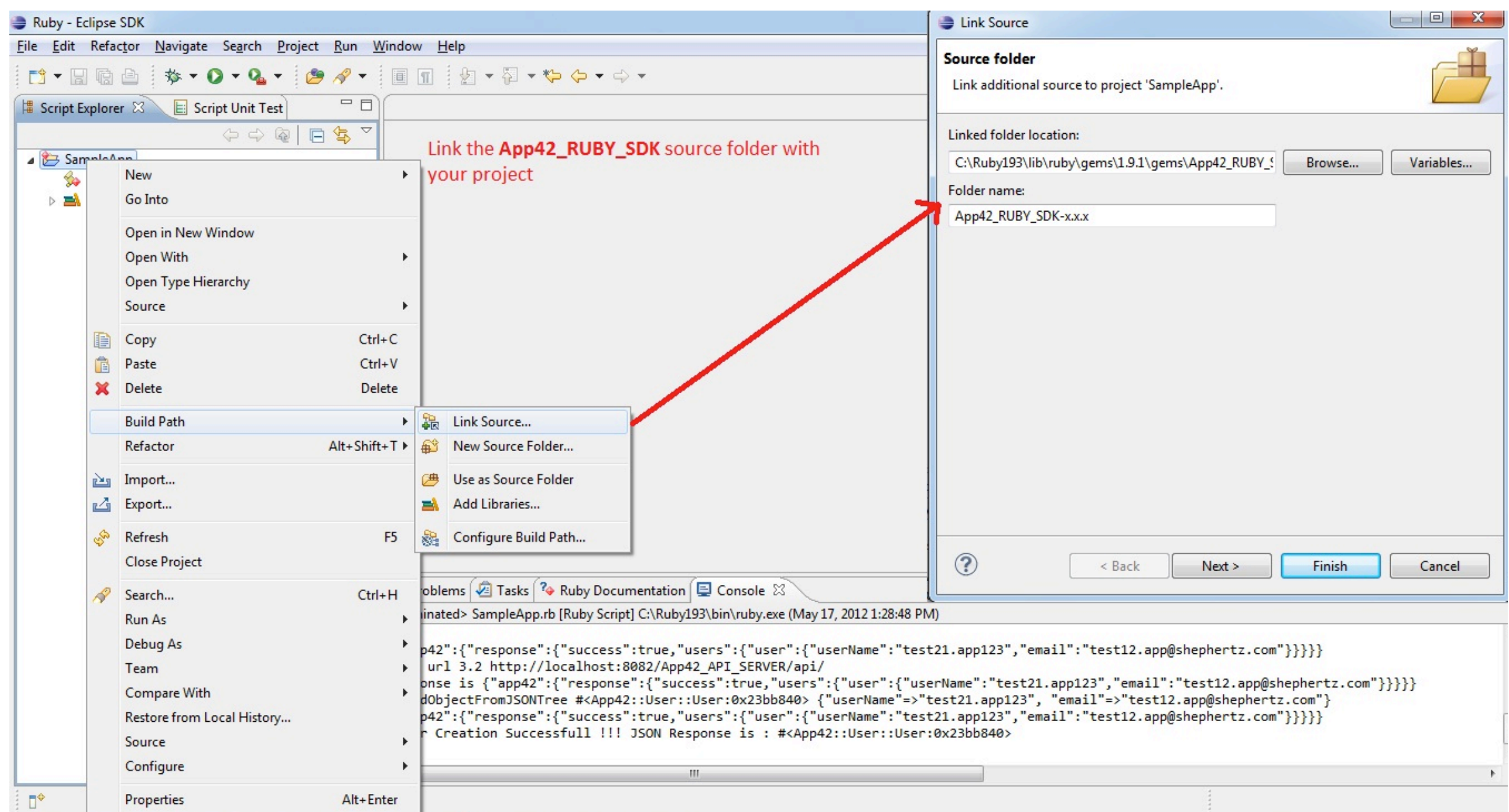
## 1. Download the SDK

Sign up for a **App42** account at <http://www.shephertz.com> and you will get the API Key and Secret Key. The API Key and SECRET Key will also be sent to your registered email id.

Download the Ruby SDK from <http://apps.shephertz.com/CloudAPI/cloudapidocs/download.php>.

## 2. Install the SDK and link it with the Ruby Project

1. Install App42\_RUBY\_SDK.gem.
2. Link the App42\_RUBY\_SDK source folder with your project.
3. Ruby SDK should now look as seen below.



## 3. Test the SDK

1. Open up your `test` file and add the following import at the top of the file:

```
require 'com/shephertz/App42/paas/sdk/ruby/ServiceAPI.rb';
require 'com/shephertz/App42/paas/sdk/ruby/user/UserService.rb';
require 'com/shephertz/App42/paas/sdk/ruby/user/User.rb';
require 'com/shephertz/App42/paas/sdk/ruby/App42BadParameterException.rb';
require 'com/shephertz/App42/paas/sdk/ruby/App42Exception.rb';
require 'com/shephertz/App42/paas/sdk/ruby/App42NotFoundException.rb';
require 'com/shephertz/App42/paas/sdk/ruby/App42Response.rb';
```

2. Make a object and Start using the API's below is an example on how to user the User API:

```
class SampleApp

def testCreateUser

#Enter your Public Key and Private Key Here in Constructor. You can

#get it once you will create a app in app42 console
sp = App42::ServiceAPI.new("API_KEY","SECRET_KEY")

#Create Instance of User Service

userService = sp.buildUserService()

#create user or call other available method on the user service

#reference

begin

user = userService.createUser("test1.app123", "67899","test1.app@shephertz.com");

#Fetch the returned JSON response

puts" User Creation Successfull !!! JSON Response is : " + user.to_s;

rescue App42BadParameterException => ex

puts("App42BadParameterException ");

# Exception Caught

# Check if User already Exist by checking app error code

if ex.app_error_code == 2001

# Do exception Handling for Already created User.

puts "User already exist with given user name";

end

rescue App42SecurityException => ex

puts("App42SecurityException ");

# Exception Caught

# Check for authorization Error due to invalid Public/Private Key

if ex.app_error_code == 1401

# Do exception Handling here

end

rescue App42Exception =>ex

puts "App42Exception ";

# Exception Caught due to other Validation

end

end

end

testObj = SampleApp.new();
testObj.testCreateUser();
```

3. Compile and run.

## 4. Read Documentation to explore other 180+ API's

Read our docs to start learning about Ruby App42 Cloud API's