

# Apicode-Distribution API

## What is REST API?

The ApiCode distribution REST API provides programmatic access to 'Read' and 'Write' replication data. The REST API identifies the application and its users using OAUTH ; and, responses are available in JSON. We have used SWAGGER editor for the end users to make the API calls so that they can try out APIs exposed by API management platform.

[Click Here](#) to access the CW-API management platform for unregistered user.

### Checklist Before Getting Started:

1. User should have the release of 4.2.9 or later.
2. Have a valid credentials of DBSync API management platform.
3. Have a valid credentials of bitbucket.

There are various API methods list that are exposed in this release. We will be adding more methods in the upcoming releases.

## ApiCode-Distribution

*The ApiCode-distribution is an API that is used to deploy ApiCode based on REST services from a Git repository to the underlying Api management server.*

*Tables below explains various model schemas and attributes that form the model class:*

### ApiCode Server Params

Parameter	Description	Data Type
apiCodeServerUsername(optional)	The Username of the ApiCode server instance.	String
apiCodeServerPassword(optional)	The Password of the ApiCode server instance.	String
environment(optional)	User has the flexibility to define his/her environment in which s/he wishes to deploy the code base.	String

### Git Repository Params

Parameter	Description	Data Type
url(optional)	The Git repository url of the user from which he would like to deploy the code base.	String
branch(optional)	The branch inside of a repository from which the user wishes to deploy the code base.	String
username(optional)	Valid User name of the Git repository	String
password(optional)	Valid password of the Git repository	String

### Run Properties Params

*Below table gives the attribute list of the response class*

Parameter	Description	Data type
ServiceURL(optional)	The website url to access the service.	String
docURL(optional)	Retrieves the URL of the file in the web layout directory.	Date
SwaggerURL(optional)	The swagger url is the return type on which the response is listed.	Date
status(optional)	The possible values are True and False. It sends out the response value.	String
errorMessage(optional)	In case the status value is False, an error message is returned.	Array[string]

### Example of an Unsuccessful Deployment

## Curl

```
curl -X POST --header 'Content-Type: application/json' --header 'Accept: application/json' -d '{"appCodeServerUsername":"anil.b@mydbsync.com","appCodeServerPassword":"dbsync2015","environment":"dev","url":"https://sureshullagaddi@bitbucket.org/dbsync/amazons3.git","branch":"dev","username":"suresh.u@avankia.com","password":"suresh@12345"}' 'https://staging.mydbsync.com:443/api/appcode/v1/appcode-distribution/gitCompile'
```

## Request URL

```
https://staging.mydbsync.com:443/api/appcode/v1/appcode-distribution/gitCompile.
```

## Response Body

```
{
  "error": "AppCode:appcode-distribution does not exist, Please check your URL".
}
```

## Response Code

```
200.
```

## Response Header

```
{
  "access-control-allow-origin": "*",
  "date": "Fri, 24 Feb 2017 13:23:54 GMT",
  "connection": "Keep-Alive",
  "keep-alive": "timeout=150, max=92", "content-length": "78",
  "content-type": "application/json"
}
```