Step 1 Create a Github Personal Access Token:

In order to setup the Webservice 3.0 Agent with Github, you'll need to create an account on Github and generate a Personal Access Token for use with the Github API. To create a Personal Access Token follow these steps:

a) Go to https://github.com/login and log in with your Github username and password. If you do not yet have a Github Account, click the sign up button in the page header.
b) Go to Your Profile Settings.
c) Click on 'PERSONAL ACCESS TOKENS' in the left nav menu.

d) Click on 'GENERATE NEW TOKEN' .
e) Enter a token description and select the permissions or "scopes" for this access token.

f) Click on the 'GENERATE TOKEN' button
g) Make a note of the token that is generated, you will need this later for the Connection Object. NB. You will NOT be able to view this again once you leave this page.

Step 2: Set up the Webservice 3.0 RA Agent

Nothing special here – standard install according to the documentation

Step 3: Create a Connection Object for Github

In order to setup the Webservice Agent with Github, you'll need to setup a connection using Basic Auth method with data from Step1:

Url Endpoint = https://api.github.com
Authentication = Basic
User = Github Username
Password = Personal Access Token

Prompts and Variables

All the prompts and variables objects are found in the Prompts folder.

Here you should can set you own default values for:
Github Username = PRPT.USER
Github Organisation = PRPT.ORG
Github Branch Name = PRPT.REPO.BRANCH.NAME
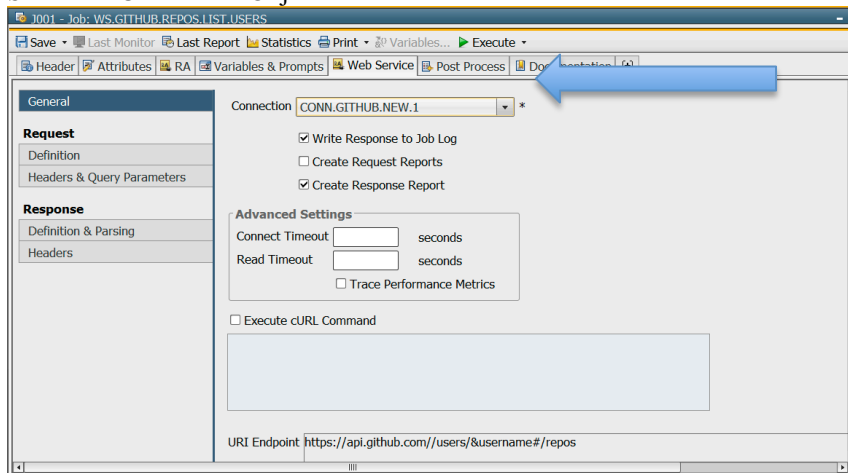Github Repo Description = PRPT.REPO.DESC
Github Repo Hompage URL = PRPT.REPO.HOMEPAGE
Github Repo Name= PRPT.REPO.NAME
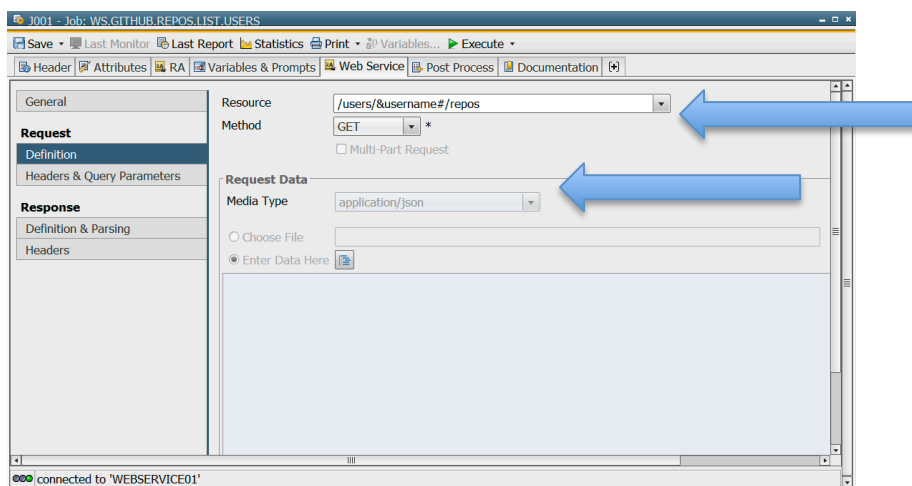
An Example of how to use a call:

List public repositories for a specified user = WS.GITHUB.REPO.LIST.USERS
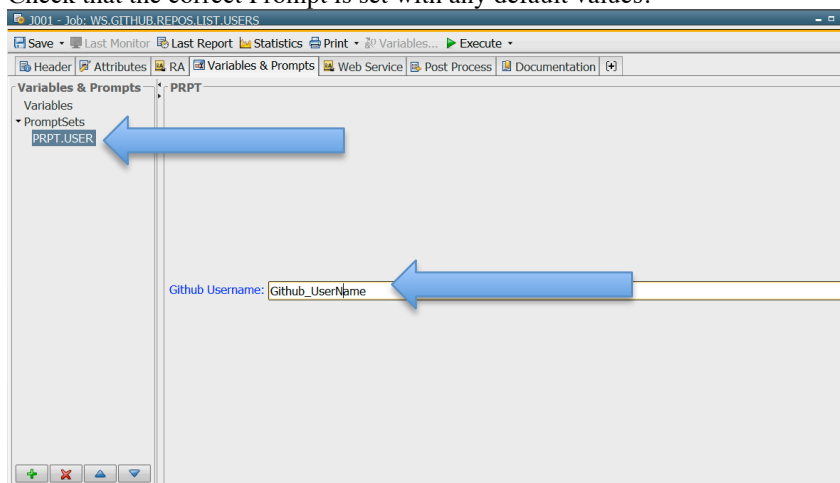
Select the Connection Object.

Select the correct resource - /users/&username#/repos.
Selec the correct Method – GET.

Check that the correct Prompt is set with any default values.

RESULT: A JSON OBJECT OF REPOSITORIES

B007 - Report: WS.GITHUB.REPOS.LIST.USERS (1020003)

Print   Print Preview

Directory | Activation | Post processing | Report

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2015-10-15 19:06:32   Connect timeout set to 30 seconds
2015-10-15 19:06:32   Read timeout set to:60
2015-10-15 19:06:32   Using connection:CONN.GITHUB.NEW.1
2015-10-15 19:06:32   Authentication type:Basic
2015-10-15 19:06:33   Request:GET https://api.github.com/users/   repos
2015-10-15 19:06:33   Request headers:[]
2015-10-15 19:06:33   Sending request...
2015-10-15 19:06:35   Response:
2015-10-15 19:06:35   Status:200 OK
2015-10-15 19:06:35   Response headers:[Server:[GitHub.com], Date:[Thu, 15 Oct 2015 17:06:35 GMT], Content-
2015-10-15 19:06:37   Response - application/json
2015-10-15 19:06:37   [
2015-10-15 19:06:37   {
2015-10-15 19:06:37   "id": 31709913,
2015-10-15 19:06:37   "name": "a
2015-10-15 19:06:37   "full_name
2015-10-15 19:06:37   "owner": {
2015-10-15 19:06:37   "login":
2015-10-15 19:06:37   "id": 8006227,
2015-10-15 19:06:37   "avatar_url": "https://avatars.githubusercontent.com/u/8006227?v=3",
2015-10-15 19:06:37   "gravatar_id": "\"\"",
2015-10-15 19:06:37   "url": "https://api.github.com/u
2015-10-15 19:06:37   "html_url": "https://github.com/
2015-10-15 19:06:37   "followers_url": "https://api.github.com/us   owers",
2015-10-15 19:06:37   "following_url": "https://api.github.com/us   owing{/other_us
2015-10-15 19:06:37   "gists_url": "https://api.github.com/users/   ist_id}",

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