

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:

- 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.
- Go to Your Profile Settings.
- Click on 'PERSONAL ACCESS TOKENS' in the left nav menu.


Personal settings
Profile
Account settings
Emails
Notification center
Billing
SSH keys
Security
Applications
Personal access tokens
Repositories
Organizations

Generate new token

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

Generate token

- Click on the 'GENERATE TOKEN' button
- 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.

✓ 02b72a2d1b7698f2a6af878c29473972797a8bd9 	Edit	Delete
basic API — <i>admin:org, admin:org_hook, admin:public_key, admin:repo_hook, delete_repo, gist, repo, user</i>	Last used within the last day	Edit Delete

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:

The screenshot shows a configuration window titled "B086 - Connection: CONN.GITHUB.NEW.1". The window has a menu bar with "Save" and "Print" options, and a toolbar with "Header", "Web Service", and "Documentation" buttons. The main area is divided into a left sidebar with tabs for "General", "Resources", "Headers & Query Parameters", "Proxy", and "Advanced". The "General" tab is selected, showing the following fields:

- URL Endpoint: *
- Authentication: *
- User:
- Password:
- Host:
- Port:
- Realm:
- Preemptive

A "? Help" button is located at the bottom left of the configuration area. The status bar at the bottom indicates "connected to 'WEBSERVICE01'".

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

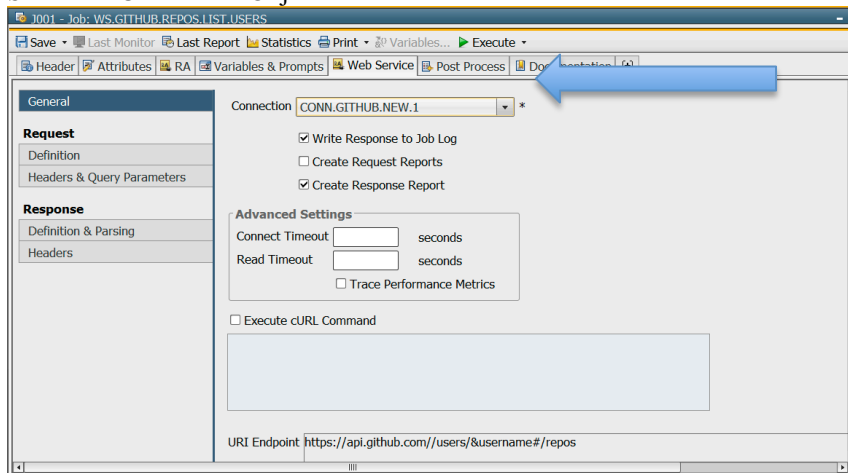
Github Repo Homepage URL = PRPT.REPO.HOMEPAGE

Github Repo Name= PRPT.REPO.NAME

An Example of how to use a call:

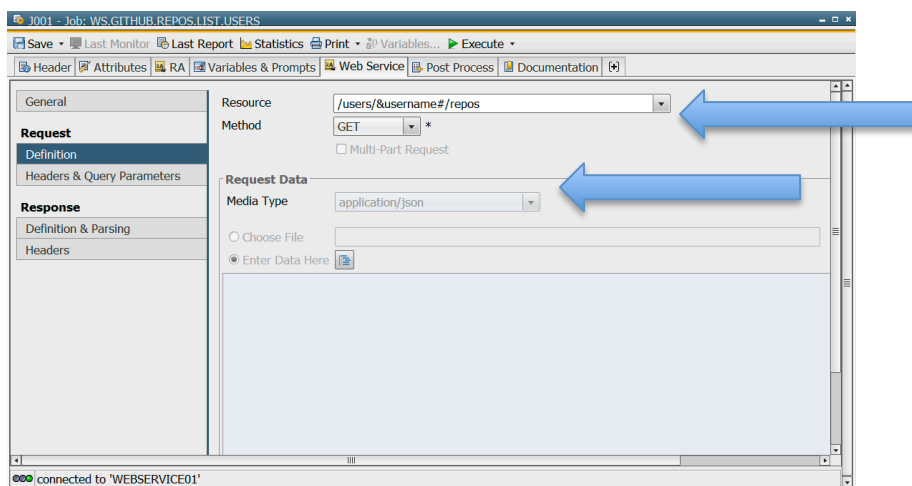
List public repositories for a specified user = WS.GITHUB.REPO.LIST.USERS

Select the Connection Object.

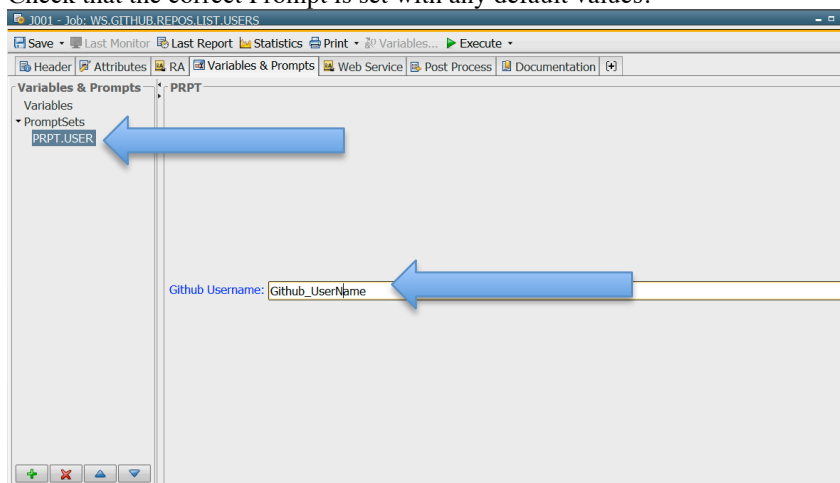


Select the correct resource - /users/&username#/repos.

Select 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

Copy Search... Refresh

```
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/[REDACTED]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[REDACTED]",
2015-10-15 19:06:37   "full_name": "[REDACTED]",
2015-10-15 19:06:37   "owner": {
2015-10-15 19:06:37     "login": "[REDACTED]",
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[REDACTED]",
2015-10-15 19:06:37     "html_url": "https://github.com/[REDACTED]",
2015-10-15 19:06:37     "followers_url": "https://api.github.com/us[REDACTED]owers",
2015-10-15 19:06:37     "following_url": "https://api.github.com/us[REDACTED]owing(/other_us[REDACTED]ist_id)",
2015-10-15 19:06:37     "gists_url": "https://api.github.com/users/[REDACTED]ist_id)",
2015-10-15 19:06:37     "repos_url": "https://api.github.com/users/[REDACTED]ist_id)",
2015-10-15 19:06:37   }
2015-10-15 19:06:37 ]
```

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