

# RubyGems Query CLI Tool

## Requirements

This tool was built on (and requires) Python 3.5. The first line of the Python source code should point to a local instance of the Python 3.5 interpreter for it to successfully run from the command line.

## Description:

This command line tool allows a user to query the Ruby Gems service for packages and their respective licenses. There are three query modes supported:

### 1) Query Latest Version by Name

Queries license details for the latest version of a ruby gem. Ruby Gem Name is specified as the first argument.

Usage: *QueryRubyGemsLicenseTool.py <Package Name>*

Output:

```
/usr/bin/python QueryRubyGemsLicenseTool.py cucumber  
Querying for gem w/name: cucumber  
Version:  
Displaying license information for the latest release:  
Name = cucumber, Version = 2.3.3, License = ['MIT']
```

### 2) Query all versions by Name

Queries license details for all versions every published. Ruby Gem Name is specified as the first argument with a 2nd argument 'All'.

Usage: *QueryRubyGemsLicenseTool.py <Package Name> All*

Output:

```
/usr/bin/python QueryRubyGemsLicenseTool.py dogapi All  
Querying for gem w/name: dogapi  
Version: All  
Displaying license information for all releases:  
Name = dogapi, Version = 1.21.0, License = ['BSD']  
Name = dogapi, Version = 1.20.0, License = ['BSD']  
Name = dogapi, Version = 1.19.0, License = ['BSD']  
Name = dogapi, Version = 1.18.0, License = ['BSD']  
Name = dogapi, Version = 1.17.0, License = ['BSD']  
Name = dogapi, Version = 1.16.0, License = ['BSD']  
Name = dogapi, Version = 1.15.0, License = ['BSD']  
Name = dogapi, Version = 1.14.0, License = ['BSD']  
Name = dogapi, Version = 1.13.0, License = ['BSD']  
.....
```

### 3) Query specific version by Name

Queries license details for a specific version of a Ruby Gem.

Usage: *QueryRubyGemsLicenseTool.py <Package Name> <Version #>*

*Output:*

```
/usr/bin/python QueryRubyGemsLicenseTool.py activeadmin 0.6.4
```

```
Querying for gem w/name: activeadmin
```

```
Version: 0.6.4
```

```
Displaying license information for version: 0.6.4
```

```
Name = activeadmin, Version = 0.6.4, License = ['MIT']
```

Note: Executing the command without any argument brings up some help with a summary of the above information and some usage examples.