Written by idnic
Thursday, 06 September 2012 09:45 - Last Updated Thursday, 06 September 2012 09:48

Â

[root@dev ~]# whois

Â

-bash: whois: command not found

Above you can see that the whois command is not currently installed on this CentOS Linux server. Below we describe how to use yum to search for what package installs whois and then we install the correct package.

Use yum whatprovides To See What Installs A Specific Application On CentOS:

```
[root@dev ~]# yum whatprovides *bin/whois*
  Loading "installonlyn" plugin
  Setting up repositories
  Reading repository metadata in from local files
  jwhois.x86_64Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â  3.2.3-8.el5Â Â Â Â Â
  Matched from:
  /usr/bin/whois
  [root@dev ~]#
```

As you can see above the jwhois package installs the whois application. The yum whatprovides command can be very useful for figuring out what package installs a specific application.

Install jwhois Package Via Yum On CentOS Linux:

```
[root@dev ~]# yum install jwhois
     Loading "installonlyn" plugin
     Setting up Install Process
     Setting up repositories
     pgdg83Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â  100% |=========================| 1.9
     rpmforgeÂ Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â  100% |=========================| 1.1 kE
```

```
baseÂ Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â  100% |=========================| 2
updatesÂ Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â  100% |=========================| 1.9 k
addonsÂ Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â  100% |=========================|Â  9
rubyÂ Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â  100% |=========================|Â
extrasÂ Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â
Reading repository metadata in from local files
Parsing package install arguments
Resolving Dependencies
--> Populating transaction set with selected packages. Please wait.
---> Downloading header for jwhois to pack into transaction set.
jwhois-3.2.3-8.el5.x86_64 100% |=========================| 9.4 kBÂ Â Â  00:00
---> Package jwhois.x86_64 0:3.2.3-8.el5 set to be updated
--> Running transaction check

Dependencies Resolved

=============================================================================
 PackageÂ Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â  ArchÂ Â Â Â Â Â  VersionÂ Â Â Â Â Â Â Â Â Â  Re
=============================================================================
Installing:
 jwhoisÂ Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â  x86_64Â Â Â Â Â  3.2.3-8.el5Â Â Â Â Â  baseÂ Â Â

Transaction Summary
=============================================================================
InstallÂ Â Â Â Â  1 Package(s)
UpdateÂ Â Â Â Â Â  0 Package(s)
RemoveÂ Â Â Â Â Â  0 Package(s)

Total download size: 95 k
Is this ok [y/N]: y
Downloading Packages:
(1/1): jwhois-3.2.3-8.el5 100% |=========================|Â  95 kBÂ Â Â  00:00
Running Transaction Test
Finished Transaction Test
Transaction Test Succeeded
Running Transaction
 Installing: jwhois ######################### [1/1]

Installed: jwhois.x86_64 0:3.2.3-8.el5
Complete!
```

[root@dev ~]#