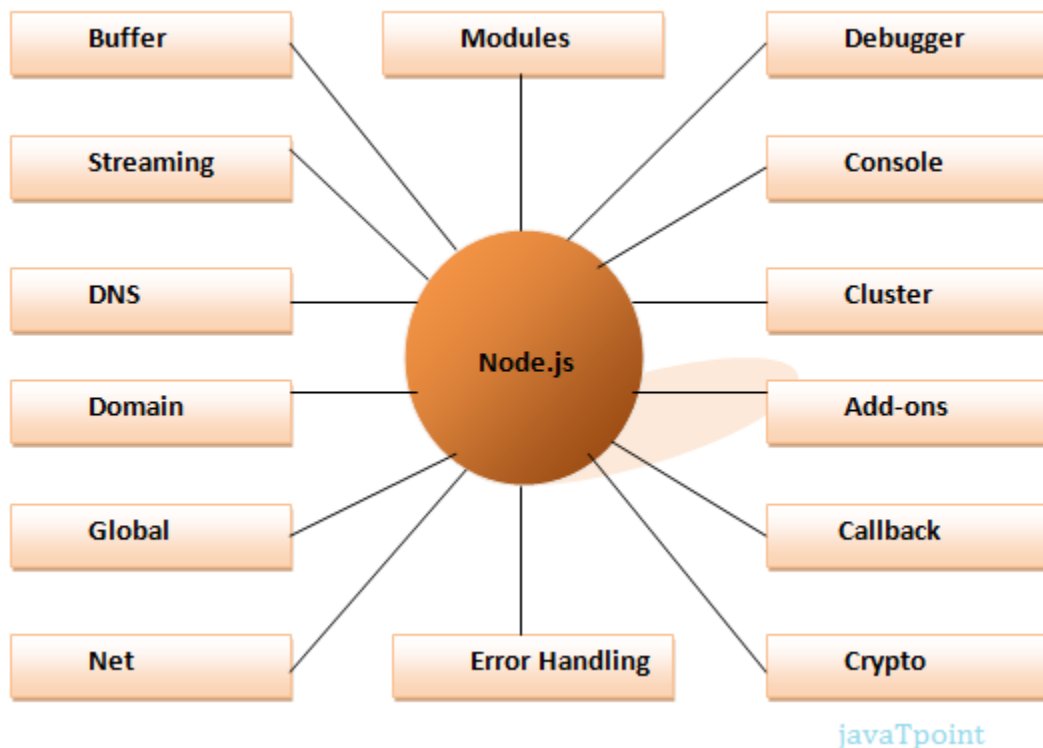# Learning the NodeJs

Introduction:

Node.js is a cross-platform environment and library for running JavaScript applications which is used to create networking and server-side applications.

Different parts of Node.js:

Buffer	Modules	Debugger
Streaming		Console
DNS		Cluster
Domain	**Node.js**	Add-ons
Global		Callback
Net	Error Handling	Crypto

Features of Node.js:

- ☐ Single-threaded
- ☐ I/O is Asynchronous and Event Driven
- ☐ Extremely fast
- ☐ Highly Scalable
- ☐ No buffering

Installation Process and Steps:

To install Node.js on Linux (Ubuntu) operating system, follow these instructions:

1) Open Ubuntu Terminal (You can use shortcut keys (Ctrl+Alt+T).

2) Type command sudo apt-get install python-software-properties

3) Press Enter (If you have set a password for your system then it will ask for the password)

4) Type the password and press enter

5) Type command sudo apt-add-repository ppa:chris-lea/node.js

6) Press Enter.

7) Again Press Enter to continue

8) Type command sudo apt-get update (Wait for sometime)

9) Type command sudo apt-get install nodejs npm

10) Type command sudo apt-get install nodejs

Installation completed. Now you can check the version of Node by node --version

Check the version of npm by npm -v

Now you can check the node.js in your installed program list by typing this command

dpkg --get-selections