

# Front End Frameworks and Tools

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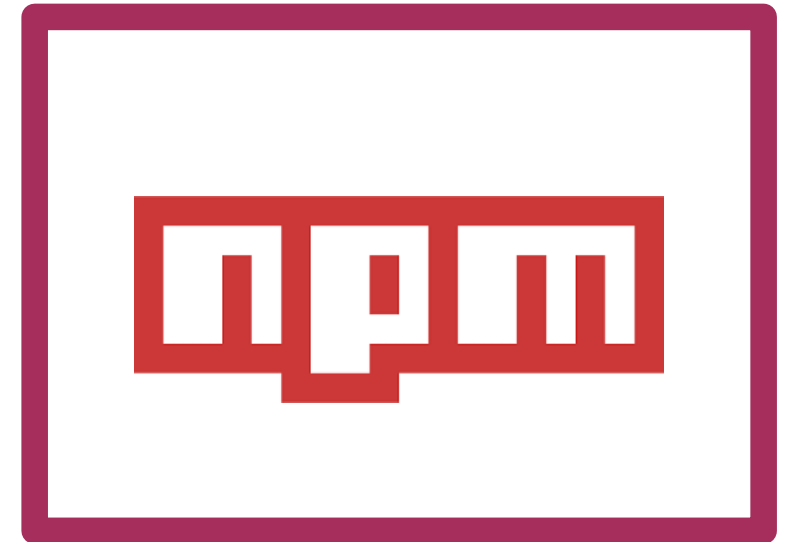
# Front End Tools



NuGet is the package manager for .NET



Bower is a popular package manager for front end work



npm is the package manager for NodeJS



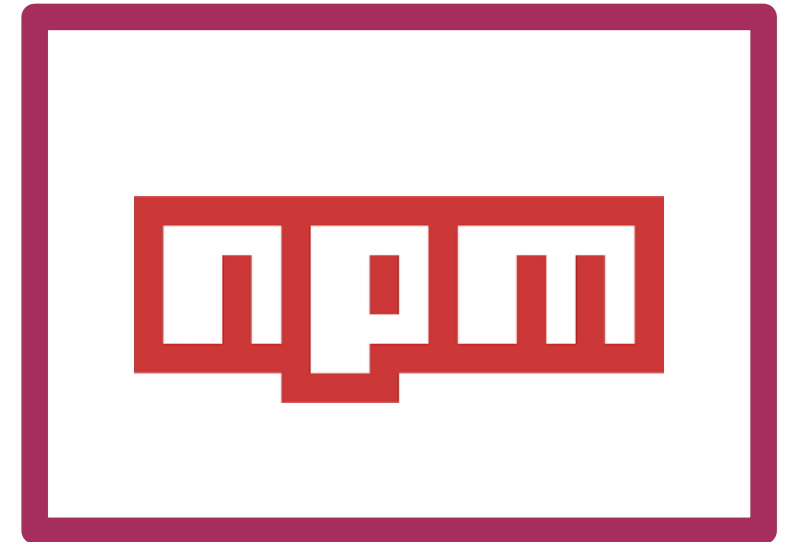
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# Command Line versus Visual Studio



```
Developer Command Prompt for VS2015
C:\dev\aspnet5samples\OdeToFood\src\OdeToFood>npm

Usage: npm <command>

where <command> is one of:
  access, add-user, adduser, apihelp, author, bin, bugs, c,
  cache, completion, config, ddp, dedupe, deprecate, dist-tag,
  dist-tags, docs, edit, explore, faq, find, find-dupes, get,
  help, help-search, home, i, info, init, install, issues, la,
  link, list, ll, ln, login, logout, ls, outdated, owner,
  pack, ping, prefix, prune, publish, r, rb, rebuild, remove,
  repo, restart, rm, root, run-script, s, se, search, set,
  show, shrinkwrap, star, stars, start, stop, t, tag, team,
  test, tst, un, uninstall, unlink, unpublish, unstar, up,
  update, upgrade, v, verison, version, view, whoami

npm <cmd> -h      quick help on <cmd>
npm -l           display full usage info
npm faq          commonly asked questions
npm help <term>  search for help on <term>
npm help npm     involved overview

Specify configs in the ini-formatted file:
  C:\Users\bitmask\.npmrc
or on the command line via: npm <command> --key value
Config info can be viewed via: npm help config

npm@2.14.12 C:\Program Files\nodejs\node_modules\npm
C:\dev\aspnet5samples\OdeToFood\src\OdeToFood>
```



# Summary



```
{
  "version": "1.0.0",
  "name": "odetofood",
  "private": true,
  "devDependencies": {
  },
  "dependencies": {
    "bootstrap": "^3.3.6",
    "jquery": "^2.2.1",
    "jquery-validation": "^1.15.0",
    "jquery-validation-unobtrusive": "^3.2.6"
  }
}
```

