How can I jump to class/method definition in Atom text editor?

```
36    if (dev.isBored() || job.sucks()) {
37        searchJobs({flexibleHours: true, companyCulture: 100});
38    }
39    // A career site that's by developers, for developers.
```

Is there an easy way to do this? On Aptana I used `Control`+click and I wish there was a way to do something similar on Atom.

atom-editor

edited Jul 30 at 18:02   asked Jun 26 '15 at 15:51

kenorb   andromeda
38k 14 251 249   768 2 10 24

Atom on it's own doesn't have that feature, you can install some packages that do handle it atom.io/packages/navigate – IROEGBU Jun 26 '15 at 15:59

@iroegbu I tried the package but it doesn't work as expected and that 'double click to go to definition' business is also not warranted because sometimes you simply want to select some code nugget and what it

does is jump to a new file without the option of going back (f3 doesn't work). – andromeda Jun 27 '15 at 13:53

1   I don't use Atom, you might want to check out discuss.atom.io/t/is-there-a-simple-go-to-definition/11809 – IROEGBU Jun 27 '15 at 18:14

Thanks @iroegbu I'll definitely watch the page to see what pops up. – andromeda Jun 28 '15 at 22:10

discuss.atom.io/t/is-there-a-simple-go-to-definition – Dennis Jan 6 '16 at 13:48

8 Answers

I had the same issue and atom-goto-definition (package name goto-definition) worked like charm for me. Please try once. You can download directly from Atom.

edited Apr 18 at 19:23	answered Jul 14 '16 at 21:45
Charles Merriam	Sitam Jana
8,752 4 42 56	**2,339** 12 28

I can confirm that this works. Thanks. The default key binding is CTRL+ALT+ENTER – andromeda Jul 15 '16 at 8:15

Cool. Good to know @andromeda – Sitam Jana Jul 15 '16 at 8:51

This doesn't work in erb files, can you? – Albert Català Oct 12 '16 at 15:28

2   This is the only package which works on a little bigger project. Thanks! I have tried atom-ctags, symbol-get, goto packages and none of them worked :-(. Either caused atom crash or took too long. – Mi-La Oct 20 '16 at 10:42

This is pretty sluggish but it works. My project is tiny so I don't really think this will scale well. – davey_dev Jan 31 at 19:18

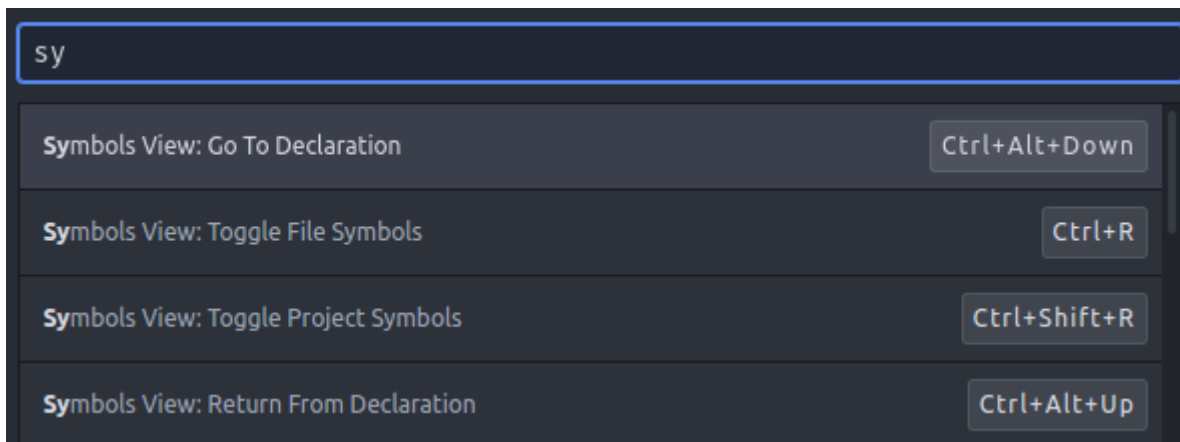~~I believe the problem with "go to" packages is that they would work diferently for each language.~~

If you use Javascript js-hyperclick and hyperclick (since code-links is deprecated) may do what you need.

Use `symbols-view` package which let your search and jump to functions declaration but just of current opened file. Unfortunately, I don't know of any other language's equivalent.

There is also another package which could be useful for go-to in Python: python-tools

As of May 2016, recent version of Atom now support "Go-To" **natively**. At the GitHub repo for this module you get a list of the following keys:

- `symbols-view:toggle-file-symbols` to *Show all symbols in current file*
- `symbols-view:toggle-project-symbols` to *Show all symbols in the project*
- `symbols-view:go-to-declaration` to *Jump to the symbol under the cursor*
- `symbols-view:return-from-declaration` to *Return from the jump*

I now only have one thing missing with Atom for this: mouse click bindings. There's an open issue on Github if anyone want to follow that feature.

<table>
<tr><td>edited Jul 30 at 16:44</td><td>answered Aug 30 '15 at 16:35</td></tr>
<tr><td>kenorb
38k   14   251   249</td><td>cortopy
932   9   19</td></tr>
</table>

Thanks @corpy code-links looks like a neat idea for js and I'll try it out. I've had to adjust to a workflow that doesn't include this feature since I mostly code in php. – andromeda Sep 1 '15 at 11:58

I wouldn't know about php packages. And this may be a long shot, but have you tried symbols-tree-view? It's certainly not what you wanted, but at least it'd give some easier visual navigation if your php classes/files are

long – cortopy Sep 2 '15 at 11:22

Much appreciated. I will take look and see what it has to offer. – andromeda Sep 3 '15 at 14:06

Can you find rails (.erb) files symbols? – Albert Català Oct 12 '16 at 15:30

The functionality is already present in atom via the Symbols View package you don't need to install anything.

The command you are searching for is **symbols-view:go-to-declaration** (Jump to the symbol under the cursor) which is bound by default to **cmd-alt-down** on macOS and **ctrl-alt-down** on Linux.

just note that it will work only if you will have generated tags for your project, either via this package or via ctags (exuberant or not)

edited Apr 26 at 17:30   answered May 3 '16 at 10:11

eddyce
346   4   15

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1   By default on Linux you will get Emacs ctag. As said here to run the *real* `ctags` install `exuberant-ctags`
package (considering this and this seems the one Atom currently use). – Pablo Bianchi Jul 29 at 0:39

I also had the same problem. And I find the solution:

`CTRL+ALT+G`

edited May 26 '16 at 6:37   answered Dec 11 '15 at 15:32

Ioannis Filippidis   Q-bart
3,209   1   25   50   **485**   5   18

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10   As of Jul 11, 2016 this command does not seem to do anything. – Fang Chen Jul 12 '16 at 1:52

This combination launch the Styleguide of Atom, that will show you all the UI components used in Atom. It
is useful as a reference when developing themes and packages. – Javi Ps Mar 11 at 10:05

Ctrl+Shift+g run the Styleguide, Ctrl+Alt+g does not seem to do anything. – Pablo Bianchi Jul 29 at 0:53

To solve this, you'll need to install only 2 packages. Follow the steps below.

1. Open atom, go to **Packages**(top bar) --> **Settings View** --> **Install Packages/Themes**.

2. Type "goto" in the search field and click the packages button on the right.

3. Install both **"goto(1.8.3)"** and **"goto-definition(1.1.9)"**, or later versions. Make sure both of them are enabled after download.

4. If necessary, you can restart atom (for some people).

5. It should be able to work now. Right-Click on the method/attr/whatever, then select **"Goto Definition"**

edited Feb 8 at 1:28   answered Feb 7 at 18:58

Dan Lowe   Allan Mwesigwa
13.3k 12 33 46   **85** 4

Use atom-ctags as a package for C language with all things you need:

- Generated ctags for your project. Auto-complete.
- Go to declaration: `Ctrl` + `Alt` + `Down` and `Alt` +Click by default.
- There are customizable options for Click action.

edited Dec 13 '16 at 1:08   answered Dec 12 '16 at 14:07

Fabich   Aleksandr Fadeev
950 1 12 24   **1**

Can't we return to declaration using Alt + Right Click? – user1519240 Jul 4 at 14:40

You can return, but to return you should go to somewhere first of all. After you do "Alt + Click", you can return with "Alt + Left Click" of course. And then "Alt + Right Click" to "re-return" forward. – Aleksandr Fadeev Jul 7 at 16:16

If you try this package and then remove it remember to also re-enable symbols-view: `apm enable symbols-view` . – Pablo Bianchi Jul 29 at 0:54

This feature has been built-in into Atom editor (see: `symbols-view` package), but you need to generate ctags symbols file for your project GH-9, GH-20.

To do that, install `ctags` command (e.g. `brew install ctags` on macOS), then:

1. Append, link or copy `ctags-config` to your `~/.ctags` , example on macOS:

   ```
   ln -vs "$(find /Applications/Atom.app -name ctags-config -print -quit)" ~/.ctags
   ```

2. Go to your project folder and run:

   ```
   cd your/project/directory
   ctags -R .
   ```

3. Restart Atom editor.

Alternatively you can use `symbol-gen` package to generate ctags symbols file for your project based on the options found in `.ctags` file. You can install it from *Atom Package Manager* by: `apm install symbol-gen` . Then hit | CMD |-| Alt |-| G | to generate tags file for your project.

After following above, you can use *Go To Declaration* option from the context menu.

On macOS you can use also use the following keyboard shortcuts:

- | CMD |-| R | to jump to a function/method in the current ,editor
- | Alt |-| CMD |-| Down | to go to declaration.

answered Jul 30 at 18:01

kenorb
38k 14 251 249

I found that while working with Laravel (PHP) - which is why I posted the question initially - if you press:

```
CTRL + ALT
```

then hover on a method, a line will appear beneath the method name and when you click on the method, you will jump to the method definition within the class.

edited May 3 '16 at 14:51   answered Jan 29 '16 at 12:56

andromeda
768 2 10 24

2   This doesn't work for me on a mac. Any ideas? – Supplement Mar 21 '16 at 17:35

@Supplement This feature is dodgy and poorly implemented. I'm not a mac user but even on Linux & windows it only works from time to time. I find that when writing a Laravel app, the feature works perfectly but doesn't work for a php app I'm writing without a framework. – andromeda Mar 22 '16 at 12:05

1   Doesn't work for me on linux – 8bitjunkie Apr 21 '16 at 13:00