

3.5 WAYS TO MAKE YOUR LIFE EASIER

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Carleton
UNIVERSITY

ABOUT ME

- Web developer with over 15 years of experience.
- Senior Web Developer at Carleton University in Ottawa, Ontario.
- Developing for WordPress for since 2005.



ABOUT CARLETON

- Over 26,000 students and over 4,000 Staff.
- Over 250 WordPress sites.
- More than a million pageviews per month.
- Small team who are responsible for the support, maintenance and training for all WordPress powered sites on campus.

The screenshot shows the Carleton CMS website interface. At the top, there is a navigation bar with links for CARLETON.CA, ABOUT, ADMISSIONS, ACADEMICS, RESEARCH, CAMPUS LIFE, FUTURE STUDENTS, CURRENT STUDENTS, STAFF/FACULTY, and ALUMNI. Below this is the Carleton CMS logo and a search bar. The main content area features a large image of hands typing on a keyboard, followed by a red 'Welcome' banner with two 'Test Key Link' buttons. A sidebar on the left contains a menu with items like News, Events, About Carleton CMS, CMS Manual, Video Training Tutorials, Our Team, and Support. The main content area includes a 'Quick Links' section with four tiles for CMS Documentation, New Video Tutorials, Training Sessions, and Google Analytics. Below this is a 'News' section with three articles: 'Sign up for our upcoming workshops!', '5 things you can do to make your web content more accessible', and 'New Video: Track your Communications with Google Analytics'. At the bottom, there is a footer with contact information, the Carleton University logo, and social media links for Twitter and RSS.

WHAT IS THIS ALL ABOUT?

ICON FONTS

EMMET


SASS


ICONFONTS




WHAT IS AN ICON FONT?

- Simple, it's a font that's comprised of icons instead of regular characters.
- It's like wingdings, except awesome.
- Embedded in your site using simple css.

 Follow us on Twitter

 Join us on Facebook

 Subscribe to our Feed

ICON FONTS ARE AWESOME

- Infinite scalability, vector based icons.
- **Size** (our set of 81 icons is 22KB).
- Less requests.
- CSS controls.
- Perfect on high resolution devices.
- Screen reader compatible.

GET ICON FONTS

- FontAwesome: <http://fontawesome.github.io/Font-Awesome/>
- List of Icon Fonts: <http://css-tricks.com/flat-icons-icon-fonts/>
- Build your own with **Icomoon** - <http://icomoon.io/>



Browse and select icons to download them or make a font. You may import SVG images or fonts too.

Import Icons



16



0011



Type a keyword...

+ IcoMoon - Free (By Keyamoon) [🔗](#)

+ Broccolidry (By Visual Idiot) [🔗](#)

+ Meteocons (By Alessio Atzeni) [🔗](#)

+ Iconic (By P.J. Onori) [🔗](#)



More Icon Sets...

Import Icons



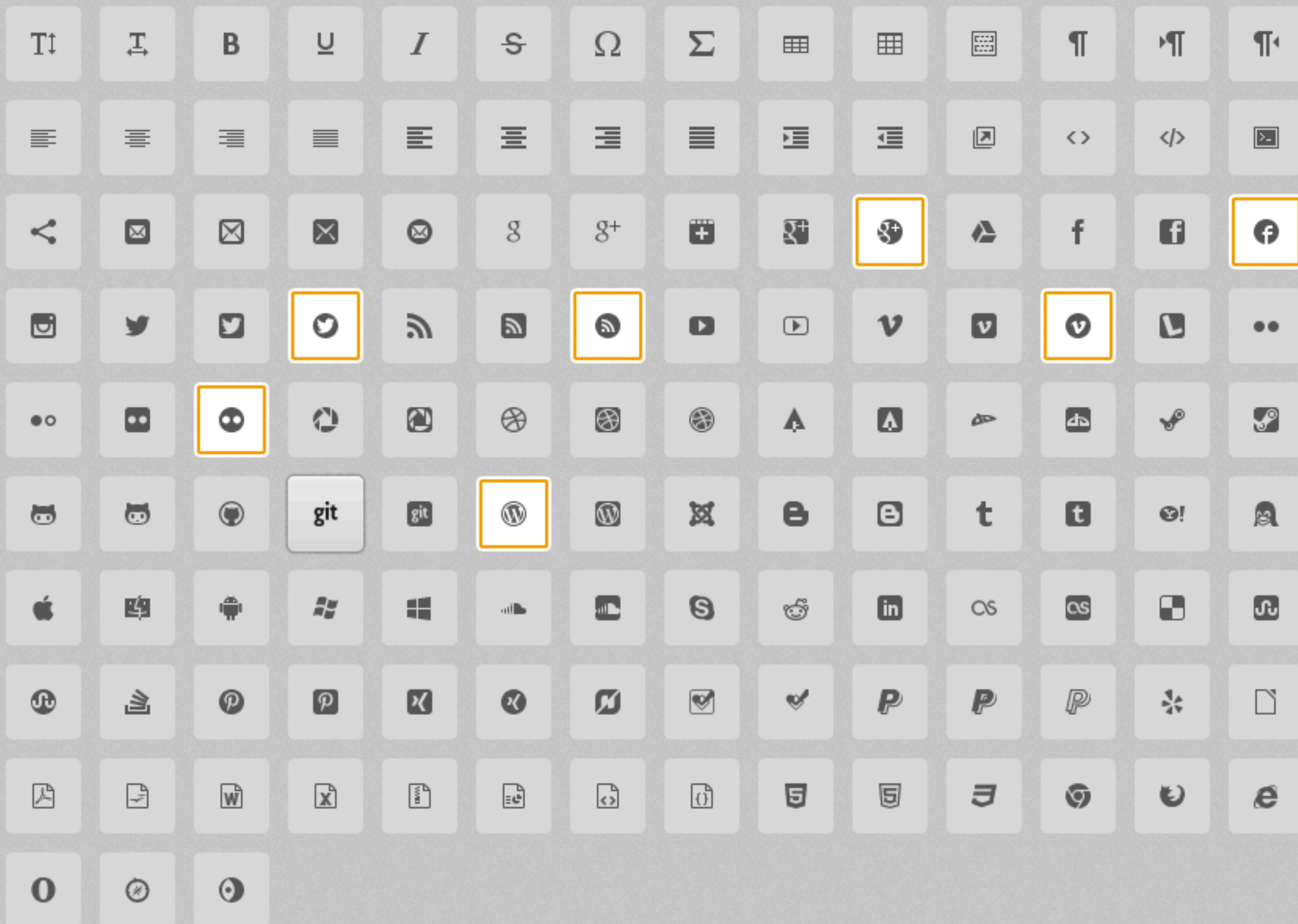
16



0011



Type a keyword...



No file chosen

and select icons to download them or make a font. You may import SVG images or fonts too.

Import Icons



48

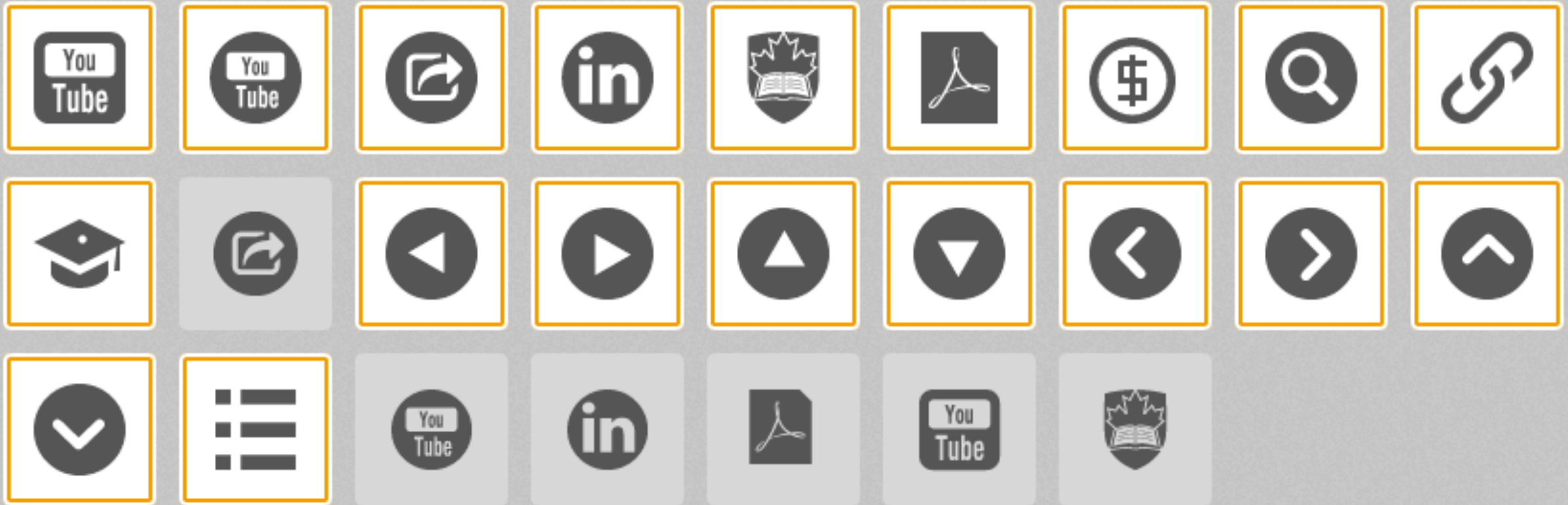


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Type a keyword...

Your Custom Icons



IcoMoon (limited) (By Keyamoon) [link](#)



Images

Font →



LETS SEE IT IN ACTION



EMMET

WHAT IS EMMET?

- Emmet is a plugin for many popular text editors.
- Use abbreviations and shortcut keys to write and modify code
- Sublime Text, Eclipse, Aptana, TextMate, Coda, Espresso, Komodo Edit, Notepad ++, NetBeans, Dreamweaver, and more.
- Supported online: JSFiddle, CodePen, etc.

EMMET IS AWESOME

- It speeds up development time.
- It does HTML and CSS.
- It's smart. It knows what you are doing.
- It helps maintain coding standards.
- Its customizable.
- You'll never go back.

GET EMMET

- Emmet - <http://emmet.io/>
- Documentation: <http://docs.emmet.io/>
- Complete cheat sheet: <http://docs.emmet.io/cheat-sheet/>
- Supported natively on JSFiddle, CodePen, etc.

LETS SEE IT IN ACTION

SASS



WHAT IS SASS?

- An extension of CSS3.
- It lets you nest rules, use variables, and build CSS functions.
- It's translated to standard CSS either from the command line or a self contained application.

SASS IS AWESOME

- Variables, nesting and functions. All of your CSS dreams come true.
- Error free CSS.
- Non-repetitive, structured, and easy to read CSS.
- Efficient selectors.
- Use as many separate stylesheets as you want.
- Choose multiple output formats.
- Comment all the things.

USE VARIABLES

SCSS

```
$blue: #3bbfce;
$margin: 16px;

.content-navigation {
  border-color: $blue;
}

.border {
  padding: $margin;
  margin: $margin / 2;
  border-color: $blue;
}
```

CSS

```
.content-navigation {
  border-color: #3bbfce;
}

.border {
  padding: 16px;
  margin: 8px;
  border-color: #3bbfce;
}
```

NESTING

SCSS

```
ul.example {  
  margin: 0;  
  padding: 0;  
  
  li {  
    margin: 10px 0;  
    padding: 5px;  
  
    a {  
      color: #333;  
    }  
  }  
}
```

CSS

```
ul.example {  
  margin: 0;  
  padding: 0;  
}  
  
ul.example li {  
  margin: 10px 0;  
  padding: 5px;  
}  
  
ul.example li a {  
  color: #333;  
}
```


MIXINS

SCSS

```
@mixin rotate($deg) {  
  -webkit-transform : rotate($deg);  
  -moz-transform : rotate($deg);  
  -ms-transform : rotate($deg);  
  -o-transform : rotate($deg);  
  transform : rotate($deg);  
}  
  
.element {  
  @include rotate(45);  
}
```

CSS

```
.element {  
  -webkit-transform: rotate(45);  
  -moz-transform: rotate(45);  
  -ms-transform: rotate(45);  
  -o-transform: rotate(45);  
  transform: rotate(45);  
}
```

GET SASS

- Sass - <http://sass-lang.com/>
- Sass Documentation: <http://sass-lang.com/docs.html>
- Sass Guides - <http://thesassway.com/guides>
- Getting Started - <http://alistapart.com/article/getting-started-with-sass>

- Applications for **Mac** users:
 - **CodeKit** (<http://incident57.com/codekit/>) - \$25
 - Compass (<http://compass.handlino.com/>) - \$10
 - Scout (<http://mhs.github.io/scout-app/>) - Free

- Applications for **PC** users:
 - Compass (<http://compass.handlino.com/>) - \$10
 - Scout (<http://mhs.github.io/scout-app/>) - Free.

LETS SEE IT IN ACTION

THE 0.5

ALL THE SMALL THINGS

- **GitHub** - Collaboration, Deployment, Backups. Use the GUI.
- **Bookmarklets** - Small JavaScript snippets stored in bookmarks that add amazing functionality.
 - Viewport Resizer - <http://lab.maltewassermann.com/viewport-resizer/>
 - CodeSniffer - http://squizlabs.github.io/HTML_CodeSniffer/
- **Cache** all the things. Use a CDN (Content Delivery Network).
- Consider Using a **Framework**
 - Foundation by Zurb - <http://foundation.zurb.com/>
 - HTML5 Boilerplate - <http://html5boilerplate.com/>
 - Make your own.

QUESTIONS

Download the presentation:
<http://carleton.ca/ccms/wcmtl2013>