Web Programming
網際網路程式設計

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Tool
工具
Agenda

- Trace an existing site to learn their techniques
  - know the technology name – maybe a shallow start point ([http://underthesite.com/](http://underthesite.com/))
  - from the source code – please don’t, it’s better to learn from scratch
  - use other kinds of tools such as code beautifier and debugger

- Criticize web design
  - there are many such critiques
  - even collection, teaching you how to criticize
Learn from scratch

- `.appendTo`
- Codecademy
- JavaScript Garden
Other kinds of tools

- **Code beautifier**
  - google html code beautify or javascript code beautify
  - Web Developer Tools: Code Beautifier and Formatter
  - Time-Savers: Code Beautifier And Formatter

- **Debugger**
  - Firebug is a powerful debugger
    - provide a console to output debug messages
    - highlight code for the DOM object currently under the cursor
    - setup breaking points for step-by-step tracing
    - ...
  - the built-in developer tool in Chrome (Ctrl+Shift+I) is very similar to Firebug
Web design helpers

- **Web Developer** is another light weight helper
  - disable specific functions such as CSS and JavaScript
  - display DOM information such as id, class and size
  - ...
  - there are Chrome plugins such as **Web Developer** that imitate Web Developer

- **Visual event** helps to see events subscribed to DOM nodes

- **Google** [firefox plugin web design](http://example.com) and [chrome extension web design](http://example.com)

- **Performance**
  - **Which loads faster?**
  - **GTmetrix**
Criticize web design

- Google critique web design
- Teach you how to criticize
  - Web Design Criticism: A How-To
  - How Review, Evaluate, Critique a Web Site
- Collections
  - 22 Web Design Critique Websites To Help get feedback
- Case study
  - Web Design Critique #74: Pergola Farmhouses
- Social site
  - Please Critique Me
  - upload your site and let other users to criticize
  - you may criticize the sites uploaded by other users
Any Questions?
Final exhibition
期末展
The next week
就是下週