

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/>)
 - 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
 - and social critiques (<http://pleasecritiqueme.com/>)

Learn from scratch

- [.appendTo](#)
- [Codecademy](#)
- [JavaScript Garden](#)

Other kinds of tools

■ Code beautifier

- [google html code beautify](#) or [javascrpt 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 and chrome extension web design
- 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



Final exhibition

期末展

The next week
就是下週