Social Web Design
社群網站設計
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Why web
為什麼選網頁
Why choosing web

- Easy to deploy, update and protect
- No installation; have been used to
- Now, the first software for every new platform (e.g. iPad) must be the browser, otherwise who will use?
  - the C compiler is less important
Ratio is number of employees moving from Company A to Company B for every one employee going in the other direction. Arrows point to company winning the talent battle.
Talent flow
Web technology has academic value

- Nucleic Acids Research
  - Impact factor: 7.836
    - 2.152 for IEEE Transactions on Wireless Communications
  - Web Server issue

- Why biologists like web?
  - They are normal people who are lazy to install or even cannot install
  - But analyzing biological data (such as gene chip) requires abundant engineering knowledge and tools (such as statistics, differential equations...)

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Importance (irrepressibility) of interdisciplinary talent

- The bridge between mystic technologies and important problems
- The first step is a good user interface

  - Analyze proteins before and after a reaction
  - 萎縮性脊髓側索硬化癥(Amyotrophic Lateral Sclerosis，簡稱ALS，俗稱為漸凍人癥)是一種漸進和致命的神經退化疾病，患者通常在確診3~5年內死亡。研究證實ALS最常見的原因是由于超氧化物歧化酶(SOD1)基因突變，可中斷細胞內的物質運送到脊髓。這些研究確定了SOD1在破壞性神經傳導中的特殊作用，提供了治療靶點，且隨著大量抑制劑研究的開展，最終有可能幫助到漸凍人患者。
Web is not trivial
網頁並不是那麼簡單的

Social Web Design 社群網站設計
Why social
為什麼選社群
施主，這個問題你應該問你自己
Our goal
這門課的目標
A professional social web site

- http://zoro.ee.ncku.edu.tw/swd/demo/
  - only 352 lines and an afternoon

- We have a successful work last semester
  - focused on basic techniques, such as HTML, CSS, Javascript, color, layout…
  - but missed advanced details, such as database, performance, society, human behavior…
This semester we are stronger

- Only four weeks for basics
- Focus on social web, thus more detailed discussion on related issues
- Collaborate with Industrial Design (工設) students
  - stop generating ugly web sites, ever!

- It will be fresh and interesting, however, if you care about loading…
Heavy

操

(音同糙，別想太多)

Syllabus 課程大綱

Improve your web site according the course every week

每週都得依據所學增強你的網頁
Then, who suit this course
那麼，誰才適合這門課呢
第一当然是要有热忱，

我不睡觉也要练
Please think here as an environment

- To meet partners with similar goals/interests
- To collaborate/communicate with partners with different backgrounds

- We provide abundant resources
- Just maximize what you got here
  - programming, design, communication, leadership… and, I hope, friendship
  - the grade is just a bonus
Information

- All information are available online
- http://zoro.ee.ncku.edu.tw/swd/
- Actually, it’s easy to remember
Any Questions?