

# Web Programming

## 網際網路程式設計

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# Photoshop

# Probably the most famous design software

- Adobe

- yet another software monster (brought Macromedia)
- Dreamweaver, Fireworks, Flash, Illustrator, InDesign, ...

- There are other software

- CorelDRAW, GIMP, Painter, Paint Shop Pro, PhotoImpact...



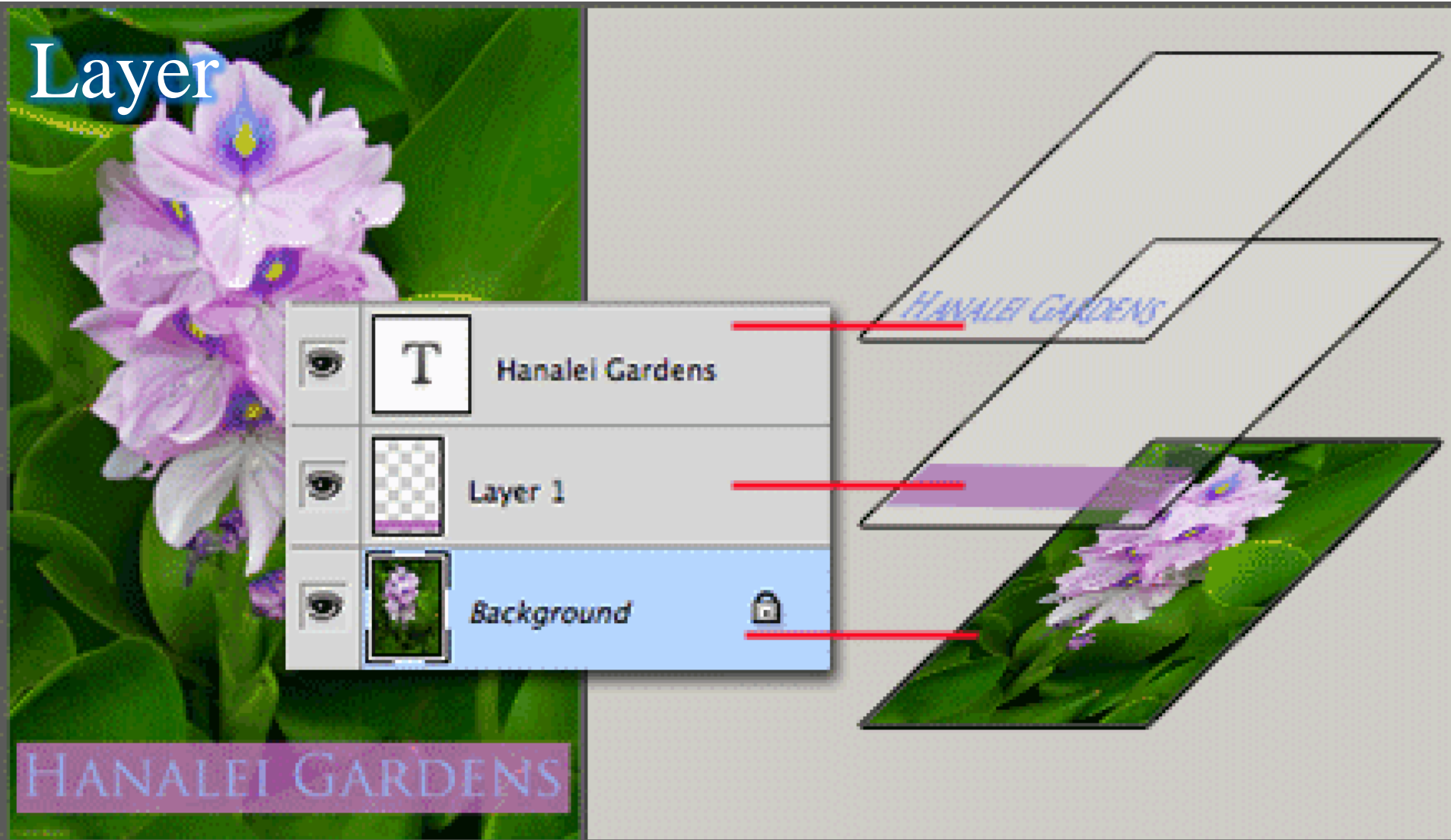
Again,

this class does not teach you the details (I am not capable either) but aims to make you not afraid of them

# Various design software

- Have different advantages
  - vector graphics, visual effects (filters), web
  - choose the right/familiar one, some how like choosing the programming languages
- More hateful, different architectures/design logics
  - layer vs. object, gradient tool vs. gradient object...
  - it is harder than expectation to switch from one to another
  - the experts can do anything with their favorite tool, such as Illustrator vs. Photoshop, so choosing a few you like to dig is enough

# Layer



# Mask



DIRTY



# Techniques in this example

- Fill layer
- Layer mask (raster vs. vector)
- Vector objects in Photoshop
- Filter
- Text
- Layer style
- Blending
- Adjustment layer

# A good start point

- Layers, Got to Love Them
  - Blending is Fun
  - The Lifesaver Adjustment Layers
- 
- There are astronomical tutorials for Photoshop, where Basix is a very good series



# Any Questions?

About Photoshop

# The second part of this slide

Design a jQuery plugin

# Design workflow

- Imagine
- Survey related tools
- Design the plugin interface
- The skeleton (jQuery defines it, don't ask why)
- Actual coding
- Progressively Enhance a Form to a Modal Form

# There are many such tutorials

- [Draggable Image Boxes Grid](#)
- [Flexible Slide-to-top Accordion](#)
- [Elastic Image Slideshow with Thumbnail Preview](#)
  
- [CODROPS](#), [nettuts](#), ...
- The workflow is similar and, as you see, the creativity is much more important



Any Questions?

# Today's assignment

## 今天的任務



# Design logo or a jQuery plugin

- Design the logo(s) for your site/team by design software. If all of your team members hate graphic works, please develop a new jQuery plugin (you can just wrap some existing function of your site).
- Reference
  - [Basix](#)
  - [CODROPS](#)
- Remember to send snapshots to TA and explain your progress (and how to test it) via email, in your homepage or, even better, in a modal dialog
- Darby will check your web site at 23:59 1 Jan (Sun)

# Appendix

## 附錄

# News of this week

- Social Web Design 社群網站設計
  - co-work with Dept. of Industrial Design
  - aim for a professional site where, for example, database is a basic requirement
  - more activities and bigger final exhibition
- Final exhibition poster
  - any suggestions?
- Sustainable management
  - discuss with me
  - submit a final report which is for those hardworking shy students
- 工程認證問卷

# Students of this week

- Google Groups
- Considerations of new UI
  - hard to implement, otherwise there should have someone done it
  - no ready package available since no one use
  - confuse users (learning curve)
  - using three checkboxes is very okay; you need very sufficient reason to develop a new UI
- do you known which of the above four issues are more important?



# Schedule of the following weeks

Date	TODO
2011/12/26	Today
2011/01/02	Archive all your works in this class for sustainable management (永續經營) or at least a functional demo site. This archive should include team introduction, site introduction (motivation, functions...), work arrangement, source code, install instruction and any other resource such as logo, video... of your web site
2011/01/09	Final exhibition
2011/01/16	Deadline to submit the archive