



jQuery Mobile Lab #2

A cura di Rocco Tripodi

Corso di Web Design 2013-14 (F. Pittarello)



Outline

- jQM layout grids
- jQM responsive grids
- Responsive layout

<http://goo.gl/D2BsPW>



jQM layout grids



Layout grid (columns)

- The jQuery Mobile framework provides a simple way to build CSS-based columns through a block style class convention called **ui-grid**.
- Grids are 100% width, completely invisible (no borders or backgrounds) and don't have padding or margins, so they shouldn't interfere with the styles of elements placed inside them.

two-column (using the ui-grid-**a** class)

three-column (using the ui-grid-**b** class)

four-column (using the ui-grid-**c** class)

five-column (using the ui-grid-**d** class)

<http://view.jquerymobile.com/1.3.2/dist/demos/widgets/grids/>

Grid elements

- Within the grid container, child elements are assigned **ui-block-a/b/c/d/e** in a sequential manner which makes each "block" element float side-by-side, forming the grid.
- Esemplio 1



jQM responsive grids

jQM responsive grids



- When using layout grids for building full-level layouts, it may make sense to apply responsive web design (RWD) principles to ensure that the layout adapts to a wide range screen widths.
- **A fluid grid** specifies elements and widgets in flexible units with the goal of making them flow to fill their containers.
- This can be done by **ui-responsive** class [Esempio 2](#)
- [Esercizio 1](#)
- But can also be done by .. [Esempio 3](#)



Responsive layout

LOGO		MENU	
IMG			
BOX	BOX	BOX	
TEXT			
INFO 1	INFO 2	INFO 3	



Desktop 1

LOGO		MENU	
IMG			
BOX			
BOX			
BOX			
TEXT			
INFO 1	INFO 2	INFO 3	



Desktop 2

LOGO
MENU
BOX
BOX
BOX
TEXT
INFO 1
INFO 2
INFO 3



“Tablet”

LOGO
SELECT
BOX
BOX
BOX
TEXT
INFO 1
INFO 2
INFO 3



Smartphone