

5

Relations between two or more objects



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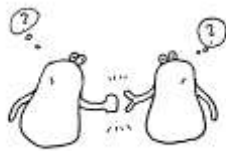
Relations between objects

Characteristics of related products

- 2 objects
- different size
- same size
- - "docking area"
 - that shows how, in which position the objects belong together
- - form family
 - objects should have the same language of forms
- The relation will be abstract! no realistic objects, no symbols

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Relations between objects



Docking area

5

Relations between objects

"Docking" area

- **aesthetical** relation, joint
 - not necessary technical or constructive function
- between 2 or more objects
- between object and user



How to show, that 2 things belong together in a certain way?

5

Relations between objects

"Docking" area

- this can be communicated by
 - shape
 - colour, graphics
 - material



Different shape (circular depression, handle)
 Different colour
 Different material (velvety coating)



Supported, form fit



Finger depression

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Relations between objects

"Docking" area

- How to visualise by shape?
- several basic possibilities



Lap, plane



Form fit



Interlocked

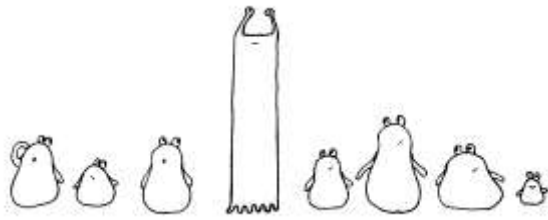


Hook



Indented

5 Relations between objects



Form family

5 Relations between objects

Choose your candidate!



5 Relations between objects

Form family



5 Relations between objects

Form family

Why grouping objects?

- objects belong to same company, brand, label
 - objects can have **same function**, but do not need to, e.g. car and water kettle
- objects are related to **same usage context**
 - e.g. kitchen wares or devices, garden tools
- objects **complement** each other
 - function is enhanced, more benefit, objects work only together

5 Relations between objects

Form family

How to show, that things belong together in a general way?

- **aesthetical** relation
- similarities without being exactly the same
- this can be communicated by
 - shape
 - colour, graphics
 - material

5 Relations between objects

Form family - examples



5 Relations between objects

Form family - example



5 Relations between objects

Form family - examples



5 Relations between objects

Form family - example



5 Relations between objects

Form family - examples



5 Relations between objects

Form family - examples



5 Relations between objects

What is about this object?



5 Relations between objects

Which material, form and finishing for which product?



5 Relations between objects

Form family and Docking area



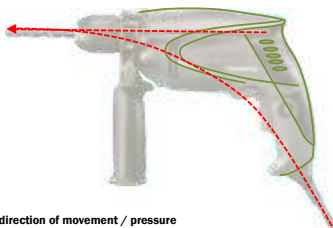
Material, color,

Handles
 Manual interaction - longer time (holding):
 Comfortable shape (rounded)
 Different colour (black)
 Different material (soft rubber material → best grip)

Manual interaction - short time, quick
 Different shape (popping out)
 Different colour (flashy red)
 Different material (smooth plastics)

5 Relations between objects

Docking area



Form

Energetic form in direction of movement / pressure

5 Relations between objects

Same object → same functional elements → similar design

