

# Software Design - Session 1

## Designing SOLID Software - Part 2/2

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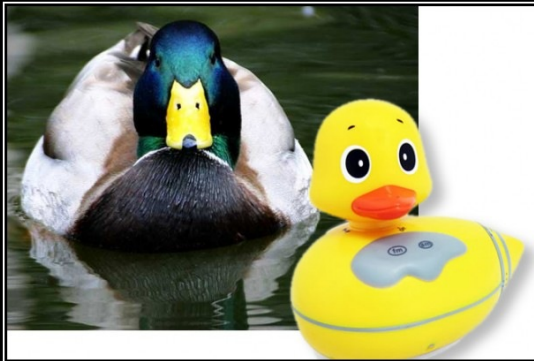
Laboratoire de Recherche en Informatique - Université Paris Sud 11

## Last Week on Designing SOLID ...

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# The Liskov Substitution Principle

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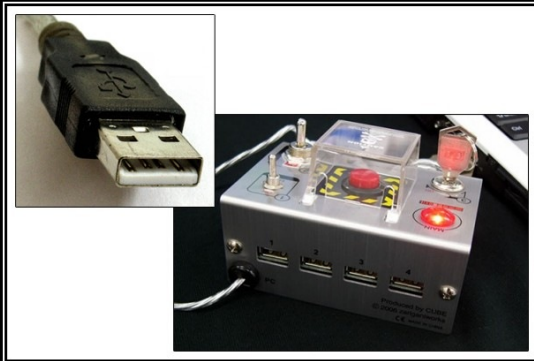
## LISKOV SUBSTITUTION PRINCIPLE

If It Looks Like A Duck, Quacks Like A Duck, But Needs Batteries - You  
Probably Have The Wrong Abstraction



# The Interface Segregation Principle

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**INTERFACE SEGREGATION PRINCIPLE**

You Want Me To Plug This In, Where?



# The Dependency Inversion Principle

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## DEPENDENCY INVERSION PRINCIPLE

Would You Solder A Lamp Directly To The Electrical Wiring In A Wall?

