

Model Validation



Shawn Wildermuth

@shawnwildermuth | wilderminds.com

Module Overview



Model Validation

- Why Validation
- Client-side and Server-side Validation
- Validation and Database Rules
- Validation Attributes
- Custom Validation

define: data validation

Ensuring that a program operates on clean, correct and useful data; checking for correctness, meaningfulness, and security of input data.

Any data input must be validated before it is used. You cannot trust any outside source of data, especially on the web.

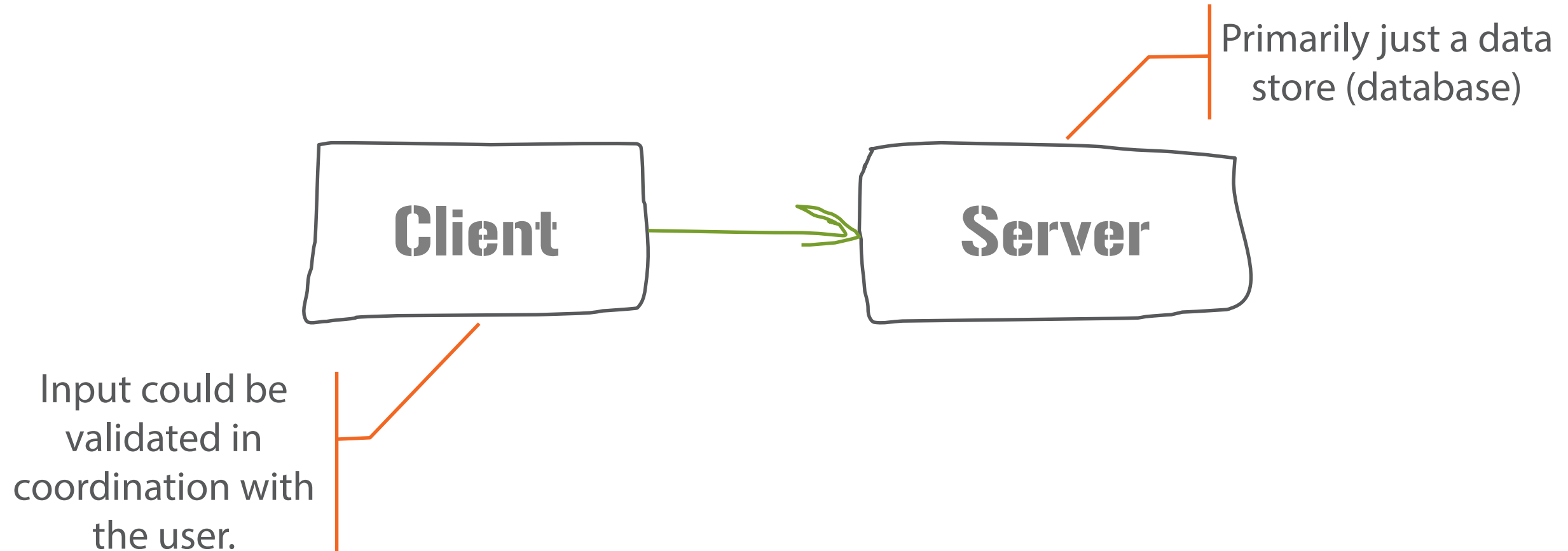
“

Data Validation is no substitute for real business rules.

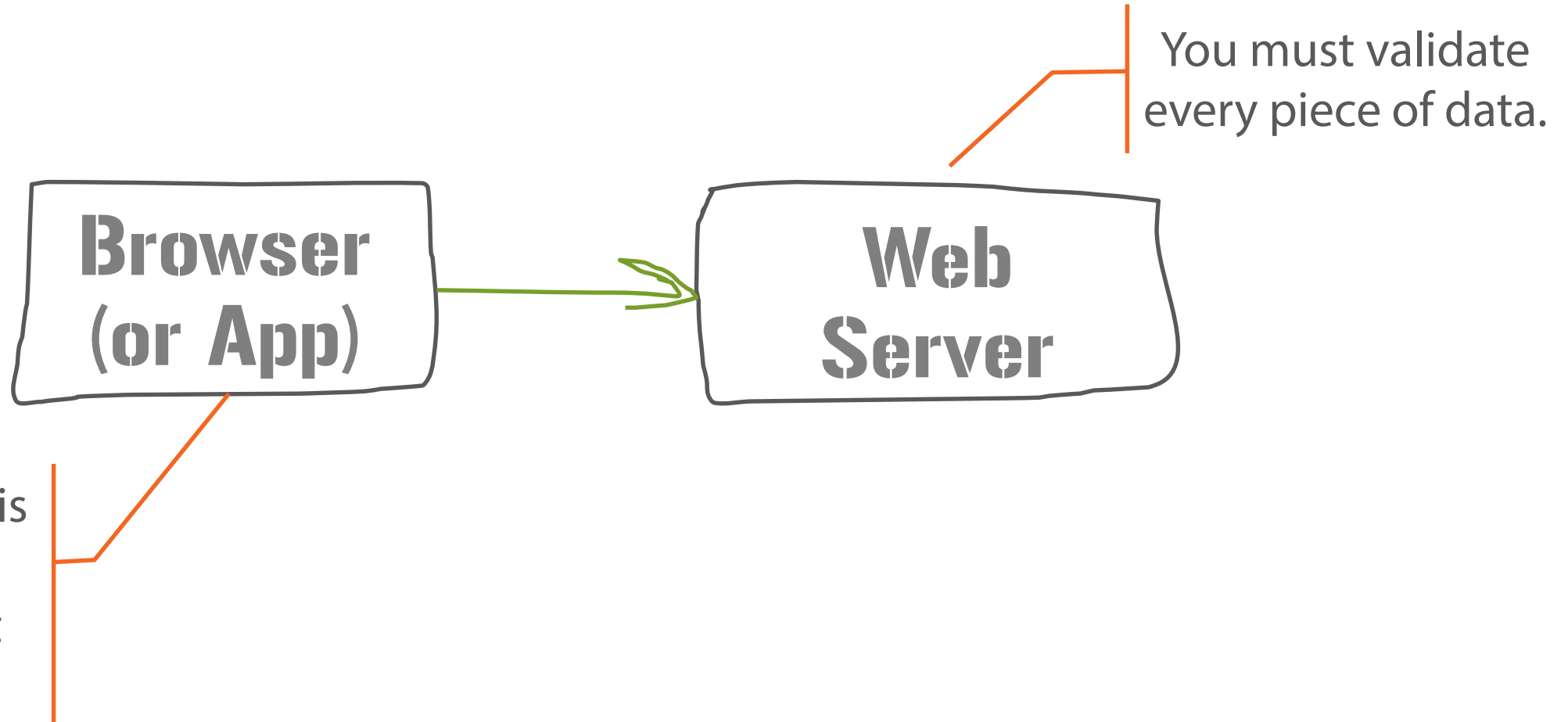
— Me

”

Validation Before the Web



Validation on the Web



Demo

Adding Validation Attributes



Demo

Model Binding and Validation



Demo

Model Validation in MVC Forms



Demo

Custom Validation



What about client-side
validation?
(e.g. AngularJS et al.)

What We've Learned

Validation

You must validate all input data

Model Validation can simplify it

Built-in/Custom Validation Attributes are a starting point

Model Validation isn't a replacement for business rules