Forms to direct interaction with Linked Data Platform APIs

Roger Menday
Fujitsu Laboratories of Europe
- Approach to building APIs based on REST and Linked Data
- Progenitors create Progeny, based on supplied parameters
- But, how to guide the parameters to be supplied?

- The Web for Robots as well as the Web for People
Big Friendly Website

Greetings issued:

• "hello John"
• "hello Paul"
• "bonjour Pierre"

Click here to make a new Greeting!!

message: hello Paul
on 11:45 on 10 Sept 2013

a Greeter has an **collection** of Greetings

de-referencing a specific Greeting
a Greeter supplies a link to create new Greetings

the collection not a dumb box of things
ability to create new things based on supplied parameters

the form is guidance for the parameters

creation is not cloning!
Greetings issued:

- "hello John"
- "hello Paul"
- "bonjour Pierre"

Click here to make a new Greeting!!

message: hello Paul
on 11:45 on 10 Sept 2013

Create a new Greeting!
Language: Spanish
To Whom: Peter

Create!

message: hola Peter
on 11:45 on 10 Sept 2013

the created resource is based on the input parameters
Big Friendly Website
Greetings issued:
• "hello John"
• "hello Paul"
• "bonjour Pierre"
Click here to make a new Greeting!!

Create a new Greeting!
Language: Spanish
To Whom: Peter
Create!

message: hello Paul
on 11:45 on 10 Sept 2013

message: hola Peter
on 11:45 on 10 Sept 2013

forms for Robots!
shaping tomorrow with you