Easy REST with OpenAPI

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- 10 years old
- Software solutions for mobile, web and backend-only, too
- Pharo usage is growing steadily
- In cologne and organizing this year’s ESUG
REST
There is no cloud
It's just someone else's computer
REST

REpresentational
State
Transfer
REST

- It uses HTTP
REST

- It uses HTTP
- It is resource based
REST

• It uses HTTP
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• It is not RPC
REST

- It uses HTTP
- It is resource based
- It is not RPC
- It’s about hyper-media
REST usually means

- Extract and validate parameters from request
- Checking constraints of payload
- Produce documented response
JSON Schema

{  
    #name -> (JSONSchema string).
    #age -> (JSONSchema integer)
}
asJSONSchema
"/pets/{petId}" : {
    "get" : {
        "summary" : "A call to acquire a pet",
        "operationId" : "fetchPet",
        "parameters" : [
            {
                "name" : "petId",
                "in" : "path",
                "schema" : {
                    "type" : "integer"
                }
            }
        ],
        "responses" : {
            "200" : {
                "content" : {
                    "application/json" : {
                        "schema" : ...
                    }
                }
            }
        }
    }
}
DEMO
OpenAPI

- Specify Calls and data constraints
- Serialize to JSON spec
- Can be consumed by a client to automatically create spec conform requests
Questions?
OpenAPI

Try
https://github.com/zweidenker/OpenAPI

Complain to
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