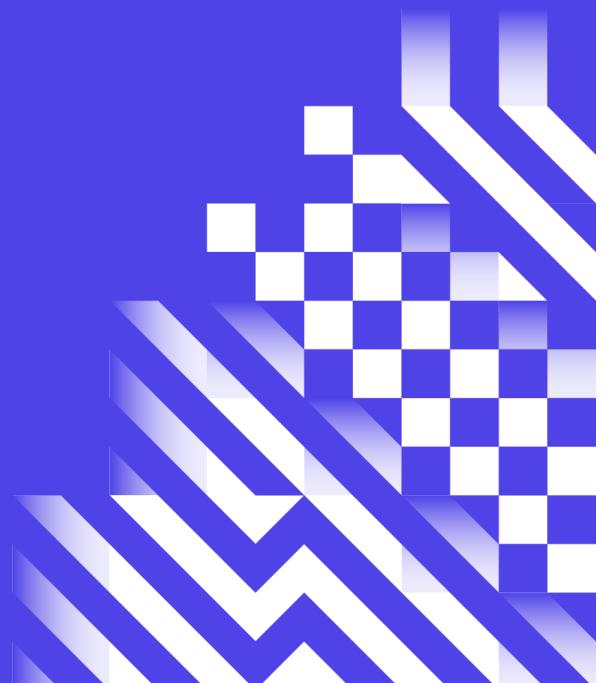


JEE INTRODUCTION

Developing REST services using JAX-RS

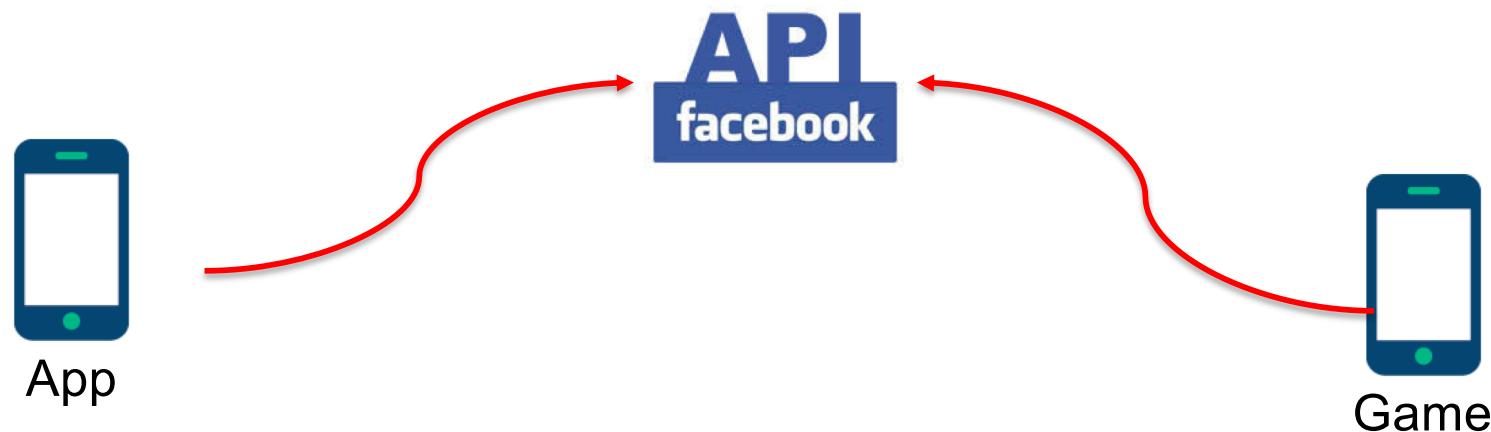
CREATING TOMORROW



REST API concepts

Implementation with JAX-RS

What is a webservice?



REpresentational State Transfer



Architectural style

Designed by Roy Fielding in 2000
PhD Dissertation

Principles?

Resources as a central element

Leverage the HTTP protocol

Use HTTP methods

Use HTTP status codes

Resources as a Central Element

mygeoapp.com/countries

mygeoapp.com/countries/nl

mygeoapp.com/countries/nl/cities

mygeoapp.com/timezones/EST

HTTP methods

GET

POST

PUT

DELETE

HTTP Status Codes

200 - Success

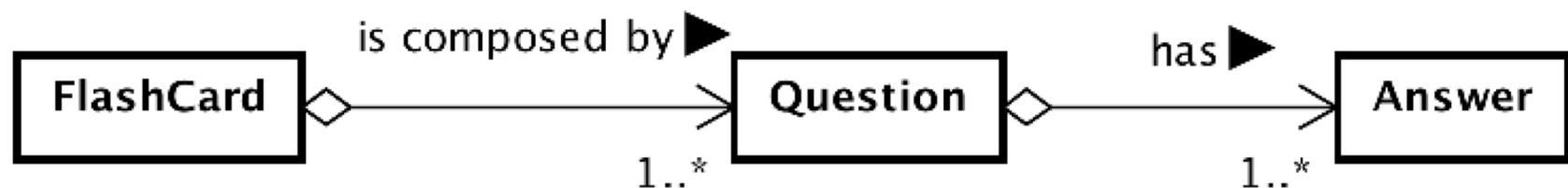
404 – Not Found

401 - Forbidden

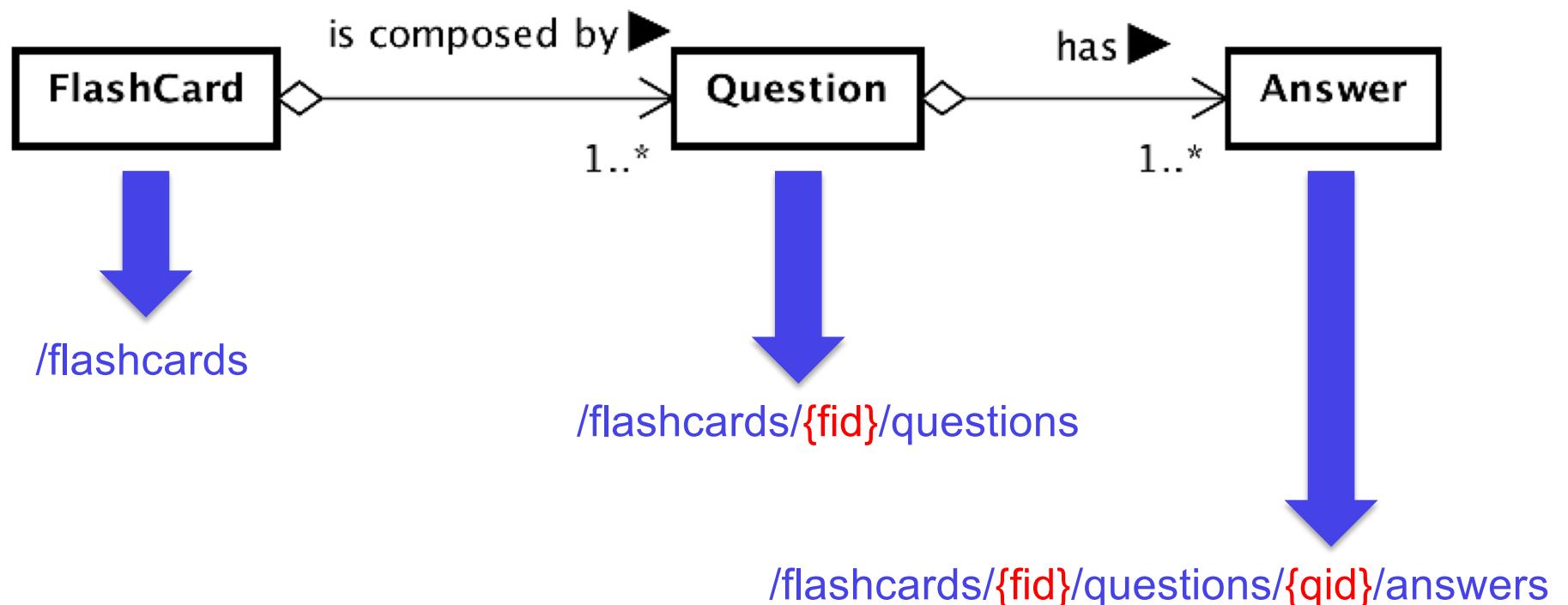
500 – Server Error

Designing a REST API

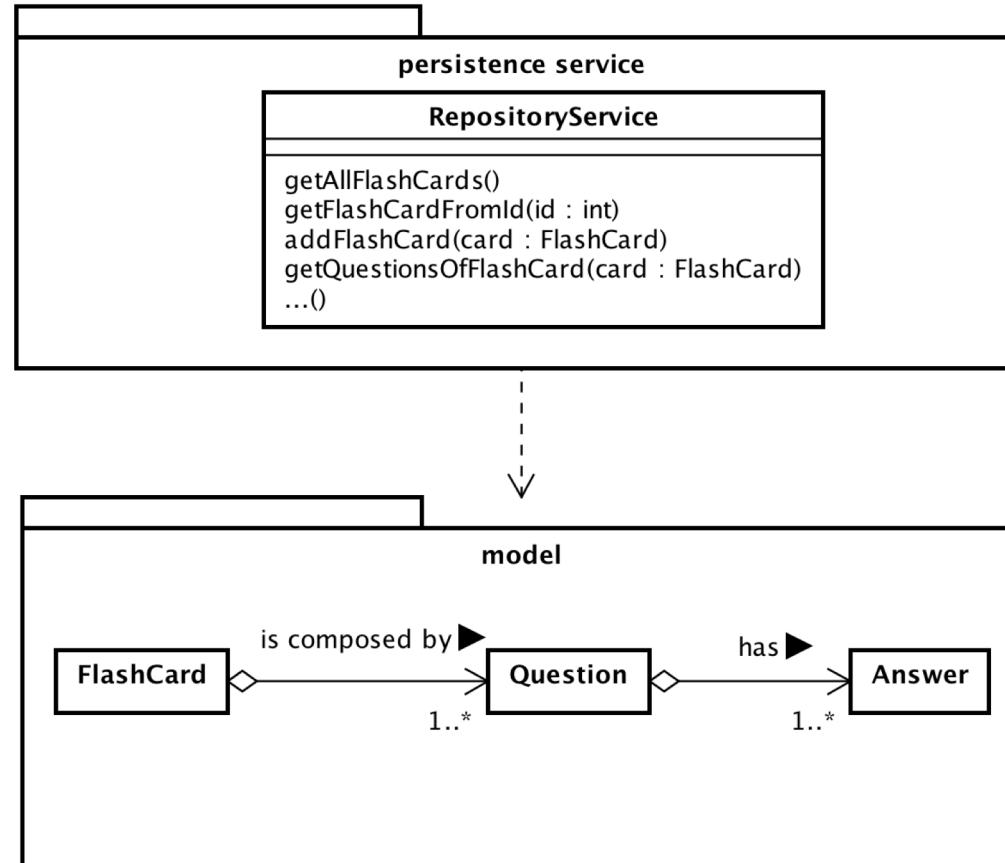
Flash Card Game Resources

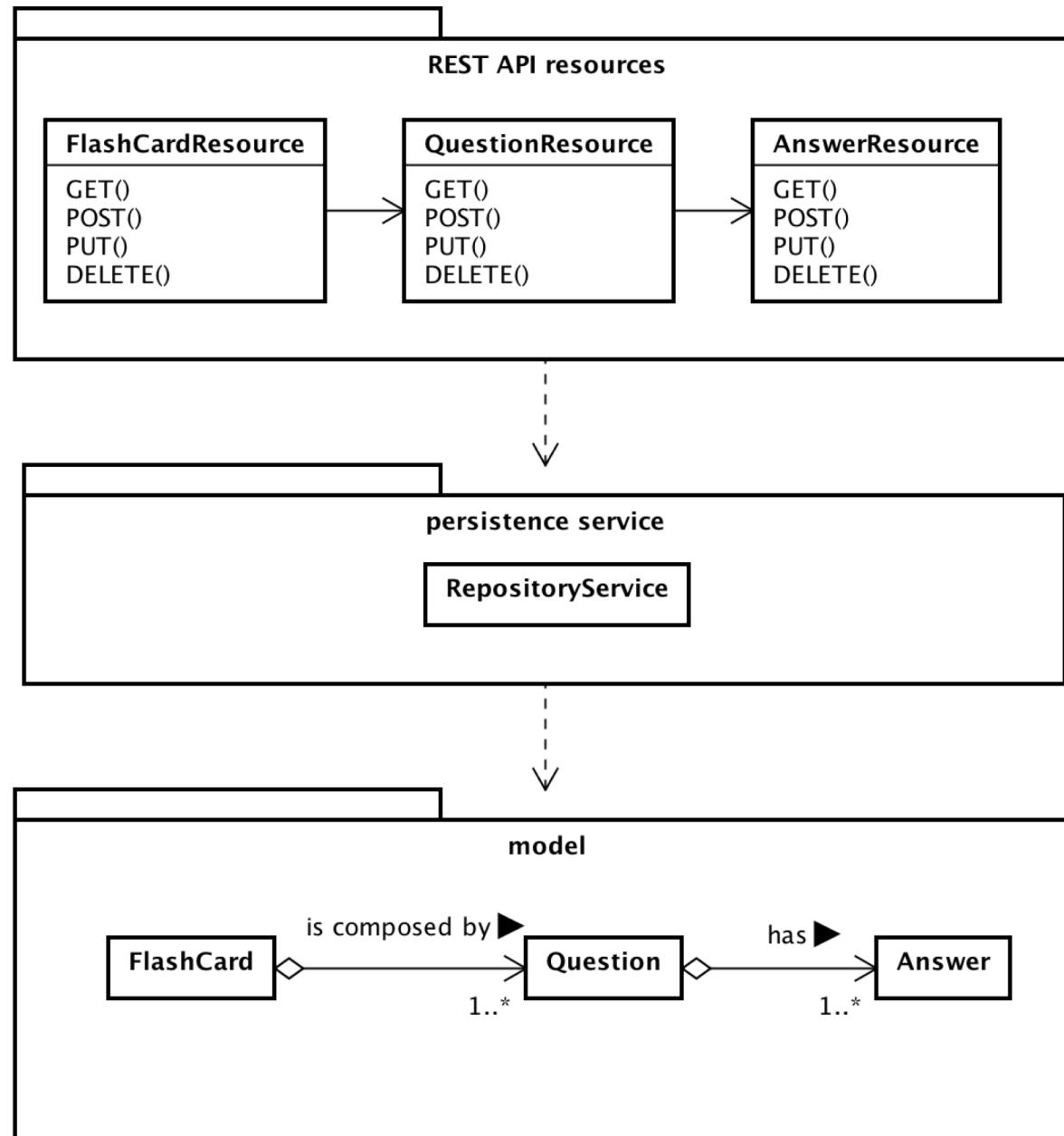


Flash Card Game Resources



Resource	Method
/flashcards	GET
/flashcards/{fid}	GET
/flashcards/{fid}/questions	GET POST
/flashcards/{fid}/questions/{qid}	GET
/flashcards/{fid}/questions/{qid}/answers (using query params)	GET





Resource	Method
/flashcards	GET
/flashcards/{fid}	GET
/flashcards/{fid}/questions	GET POST
/flashcards/{fid}/questions/{qid}	GET
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/flashcards	GET
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	POST
/flashcards/{fid}/questions/{qid}	GET
/flashcards/{fid}/questions/{qid}/answers (using query params)	GET



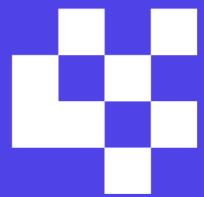
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GAME
DEVELOPMENT



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INFORMATICA

PART 2

Definitions

What is JAX-RS

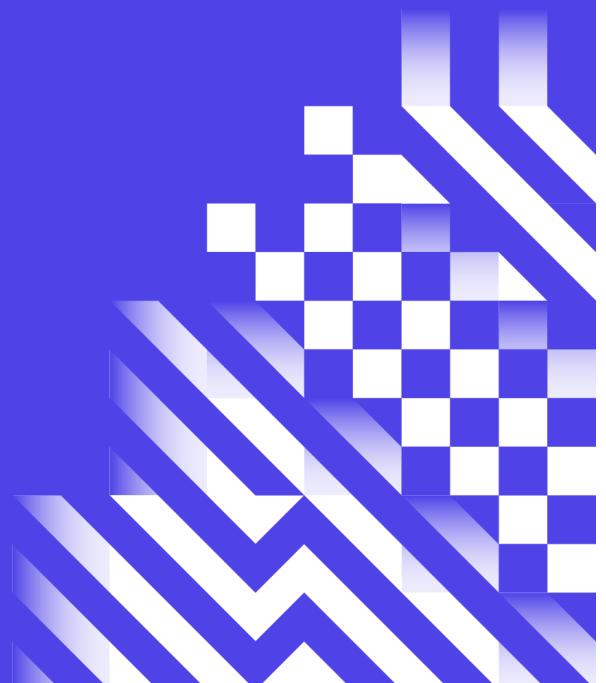


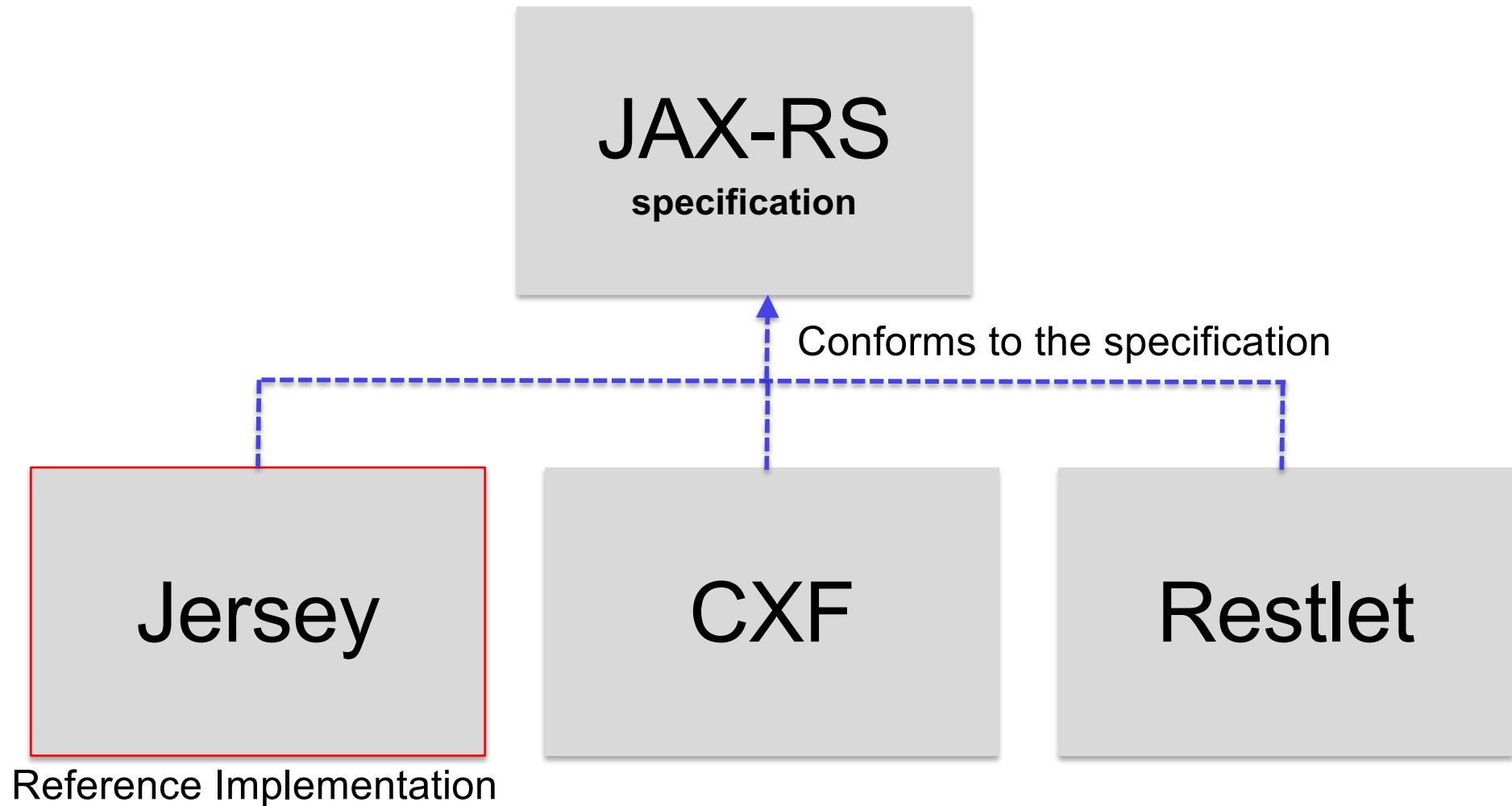
REST API Library

WEB WORKSHOPS

Developing REST services using JAX-RS

CREATING TOMORROW





Part 2

Setup

Creating a resource

Building the /flashcard resource

Creating sub-resources

Building the question and the
answer resource

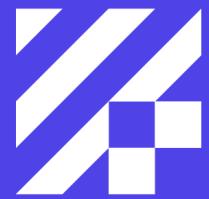
Other HTTP methods

Adding questions

CORS

- Cross-origin resource sharing (**CORS**) is a mechanism that allows restricted resources on a **webpage** to be requested from another domain outside the domain from which the first resource was served

Wrap-Up



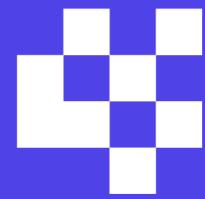
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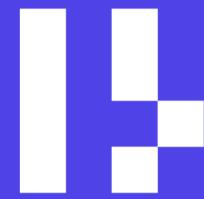
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