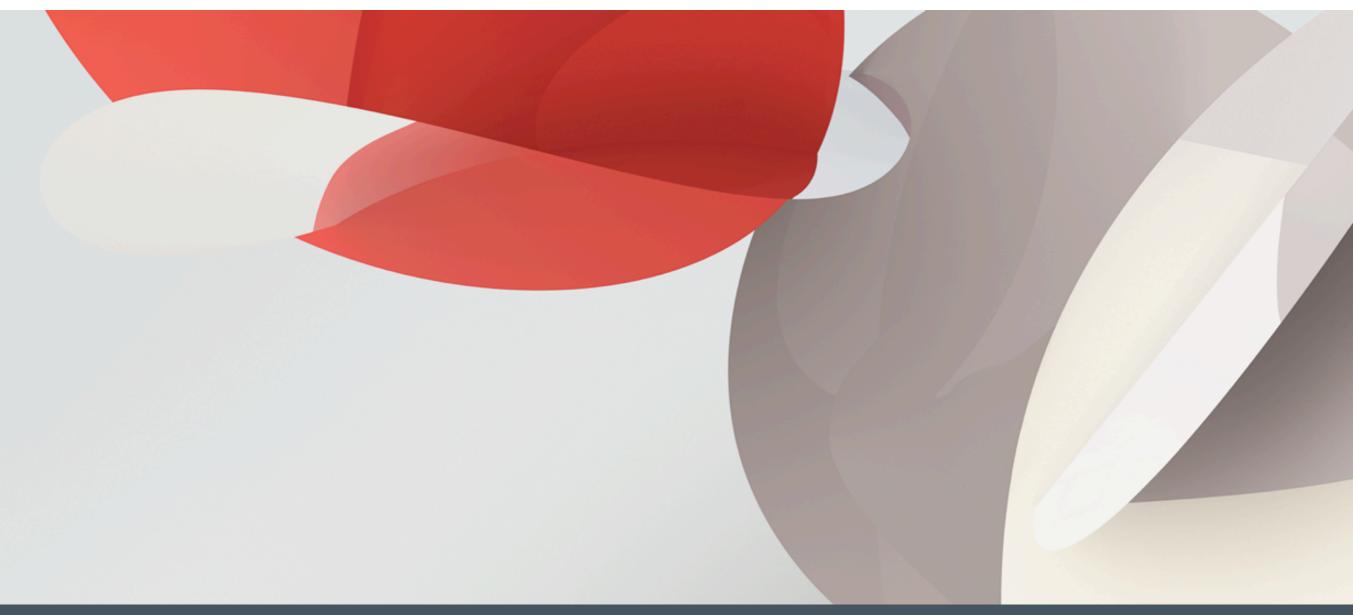
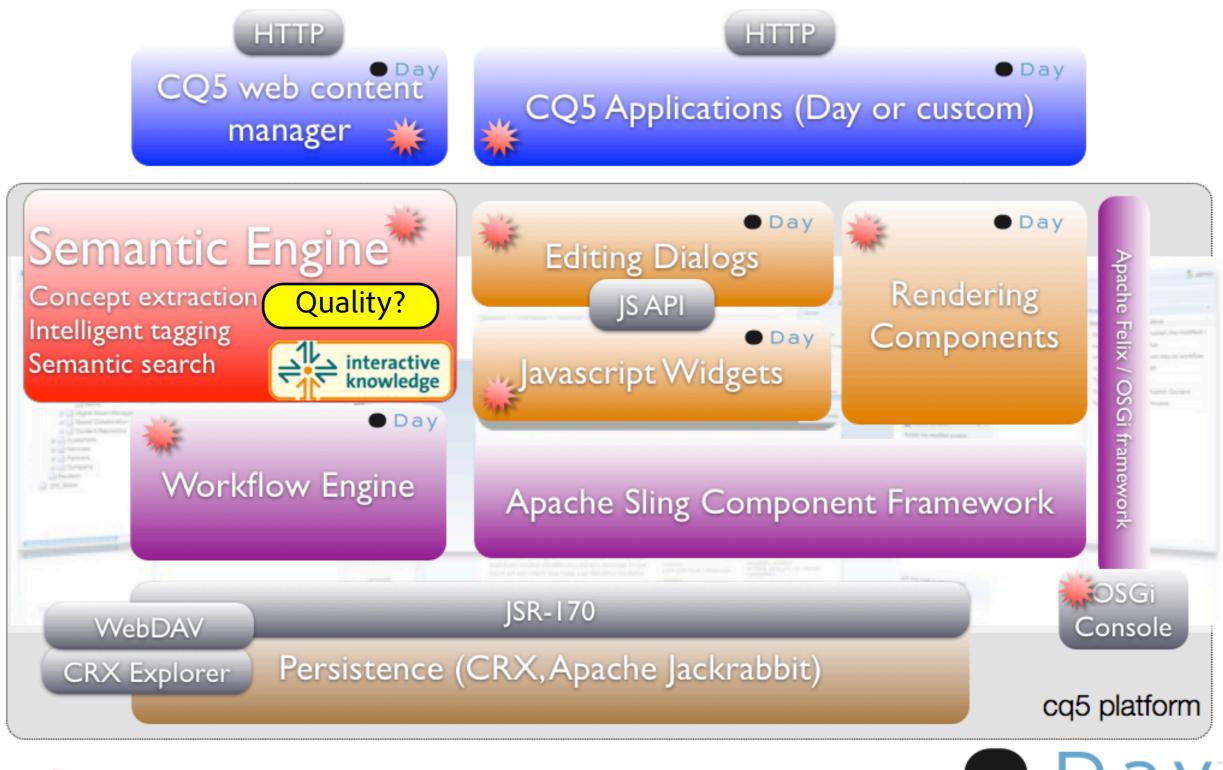
Apache Stanbol Enhancer Benchmarks

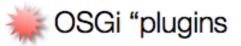
Bertrand Delacretaz, Senior R&D Developer, Adobe Systems IKS workshop + review, Saarbrücken, April 2011 - slides version 2011-04-08





New year, same vision







Benchmarks: evaluate the quality of Stanbol enhancer annotations

Input text

Paris Hilton is now in New York, after having spent some time in Geneva, Ohio.



Stanbol annotations

Paris, France Hilton Hotel Paris Paris Hilton New York State New York City Geneva, Switzerland Ohio state



Input

Paris Hilton is now in New York, after having spent some time in Geneva, Ohio.

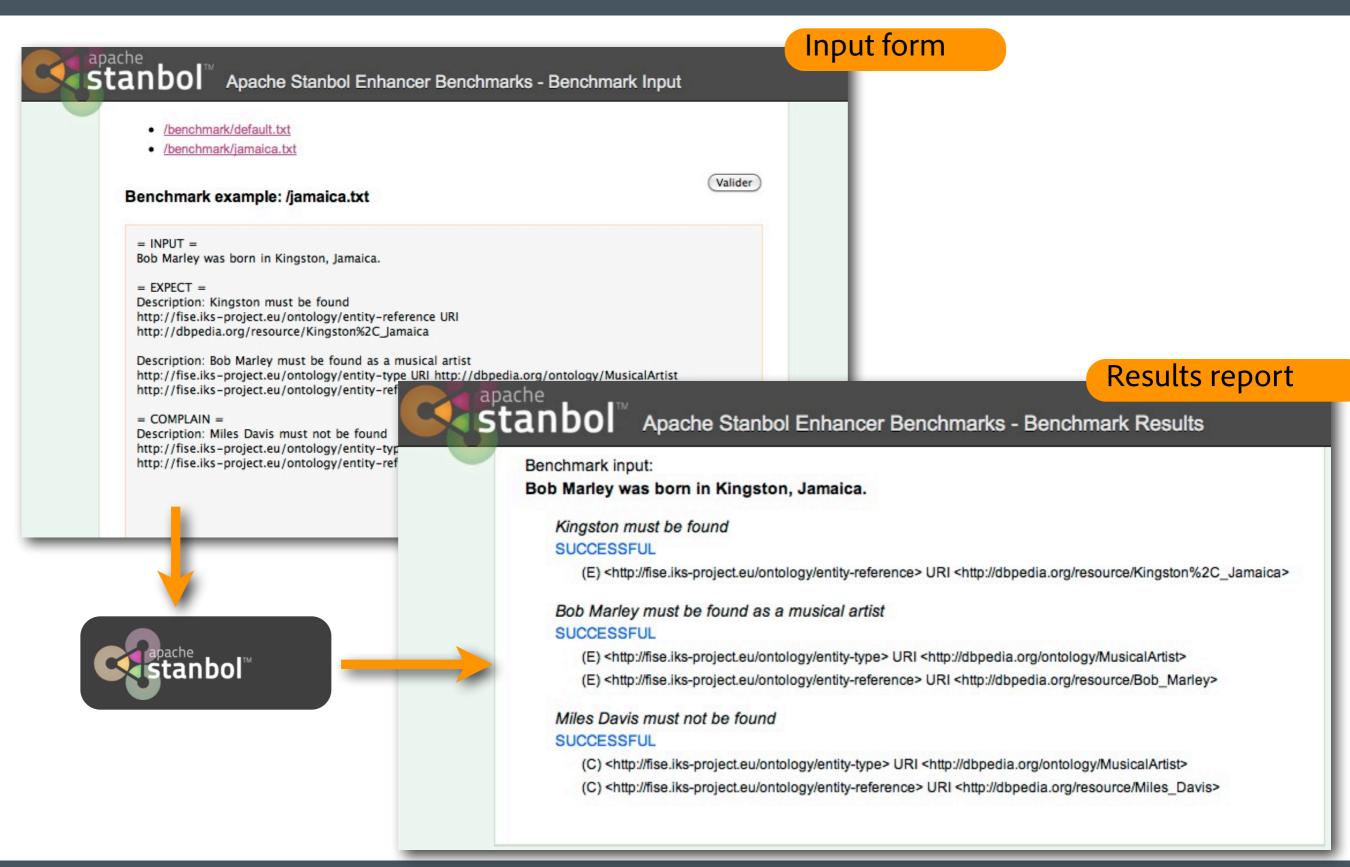
Desired annotations

```
Paris Hilton
Geneva, Ohio
Ohio State
(
    New York City
    New York State
)?
```

Unwanted annotations

Paris, France Hilton Hotel Geneva, Switzerland

Running the benchmarks in Stanbol





= INPUT =

Bob Marley was born in Kingston, Jamaica.

= EXPECT =

Description: Bob Marley must be found as a musical artist http://fise.iks-project.eu/ontology/entity-type URI http://dbpedia.org/ontology/MusicalArtist http://fise.iks-project.eu/ontology/entity-reference URI http://dbpedia.org/resource/Bob_Marley

= COMPLAIN =

Description: Miles Davis must not be found
http://fise.iks-project.eu/ontology/entity-type
URI http://dbpedia.org/ontology/MusicalArtist

http://fise.iks-project.eu/ontology/entity-reference

URI http://dbpedia.org/resource/Miles_Davis

Repeat for multiple benchmarks on a single page



Bob Marley was born in Kingston, Jamaica.

Bob Marley must be found as a musical artist SUCCESSFUL

(E) http://fise.iks-project.eu/ontology/entity-type URI http://dbpedia.org/ontology/MusicalArtist(E) http://fise.iks-project.eu/ontology/entity-reference URI http://dbpedia.org/resource/Bob_Marley

Miles Davis must not be found SUCCESSFUL

(C) http://fise.iks-project.eu/ontology/entity-type URI http://dbpedia.org/ontology/MusicalArtist (C) http://fise.iks-project.eu/ontology/entity-reference URI http://dbpedia.org/resource/Miles_Davis

Very human readable.



Conclusions

