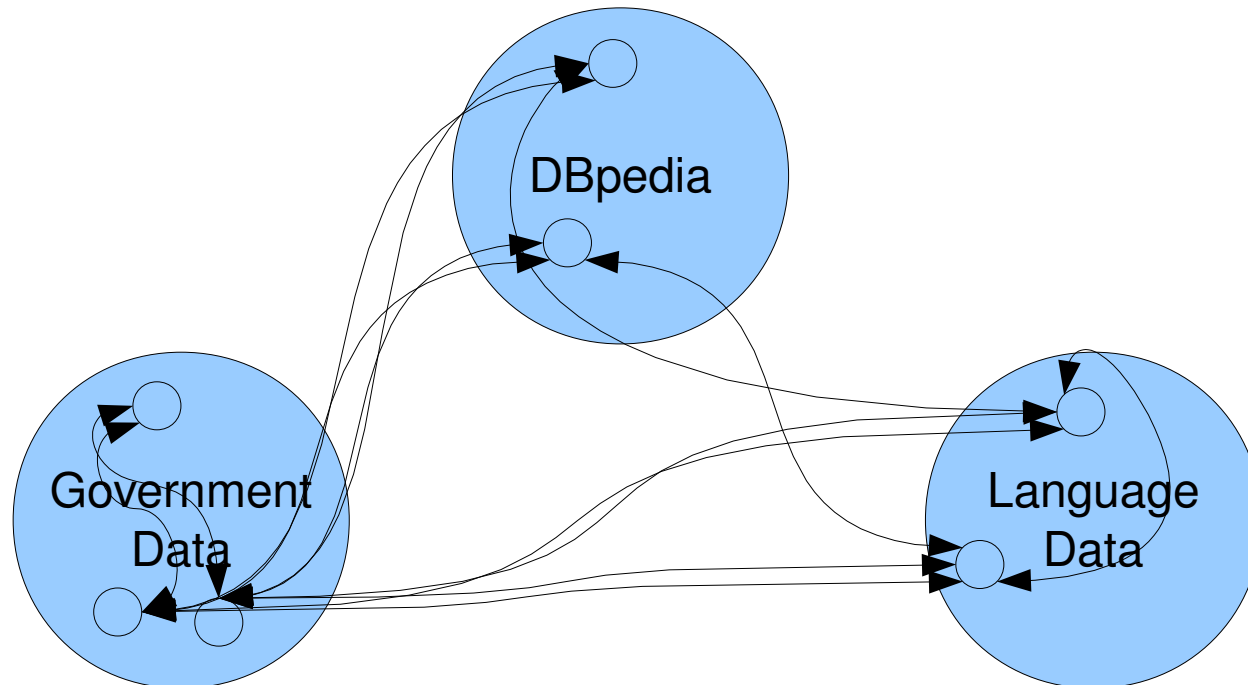


Relation Registry and Semantic Mapping

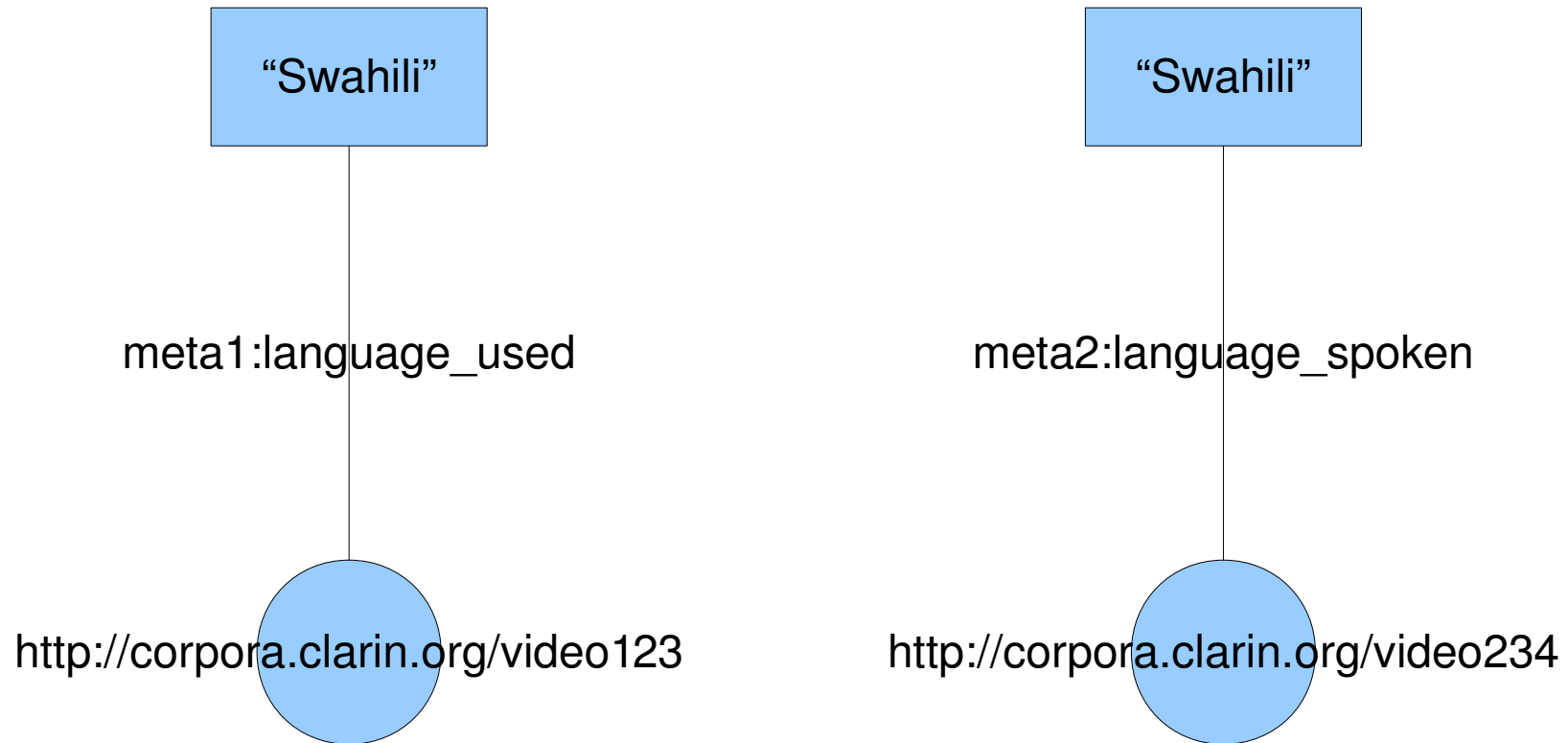
Alastair Burt
DFKI, Saarbrücken

Big Picture

- Linked Open Data



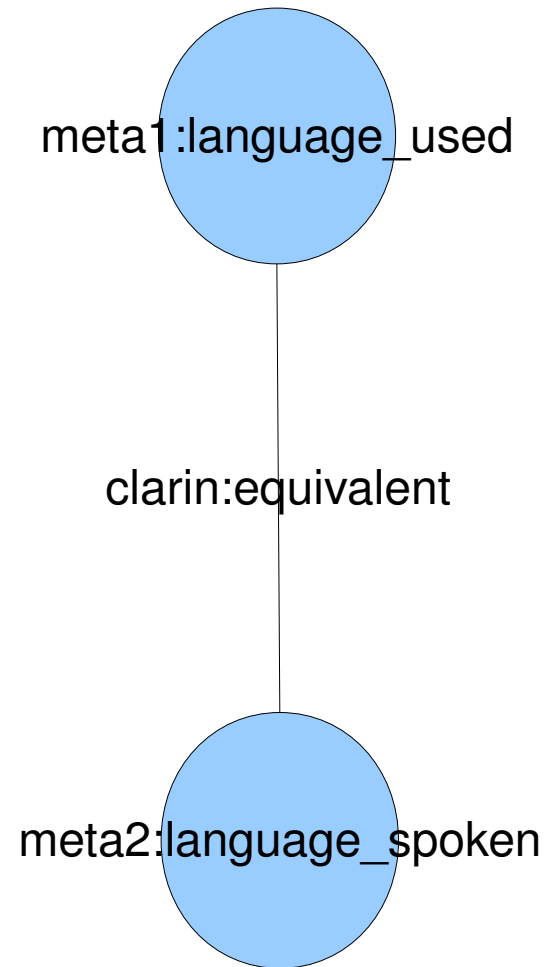
CLARIN Picture



DFKI Picture

Relation Registry

- Equivalence
- Fuzzy equivalence
- Subset relationship



DFKI Picture

Semantic Mapping

```
SELECT ... WHERE meta1:language_spoken = "Swahili"
```



```
SELECT ... WHERE meta1:language_spoken = "Swahili" OR  
meta2:language_used = "Swahili"
```

DFKI Services

- REST-based services:
 - PUT, GET, DELETE
 - Relation Registry – XML payload.
 - Semantic Mapping – Query strings.