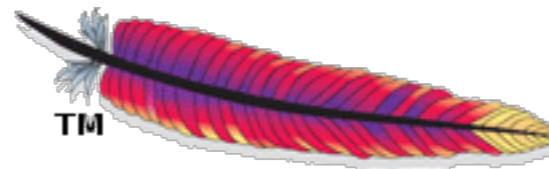
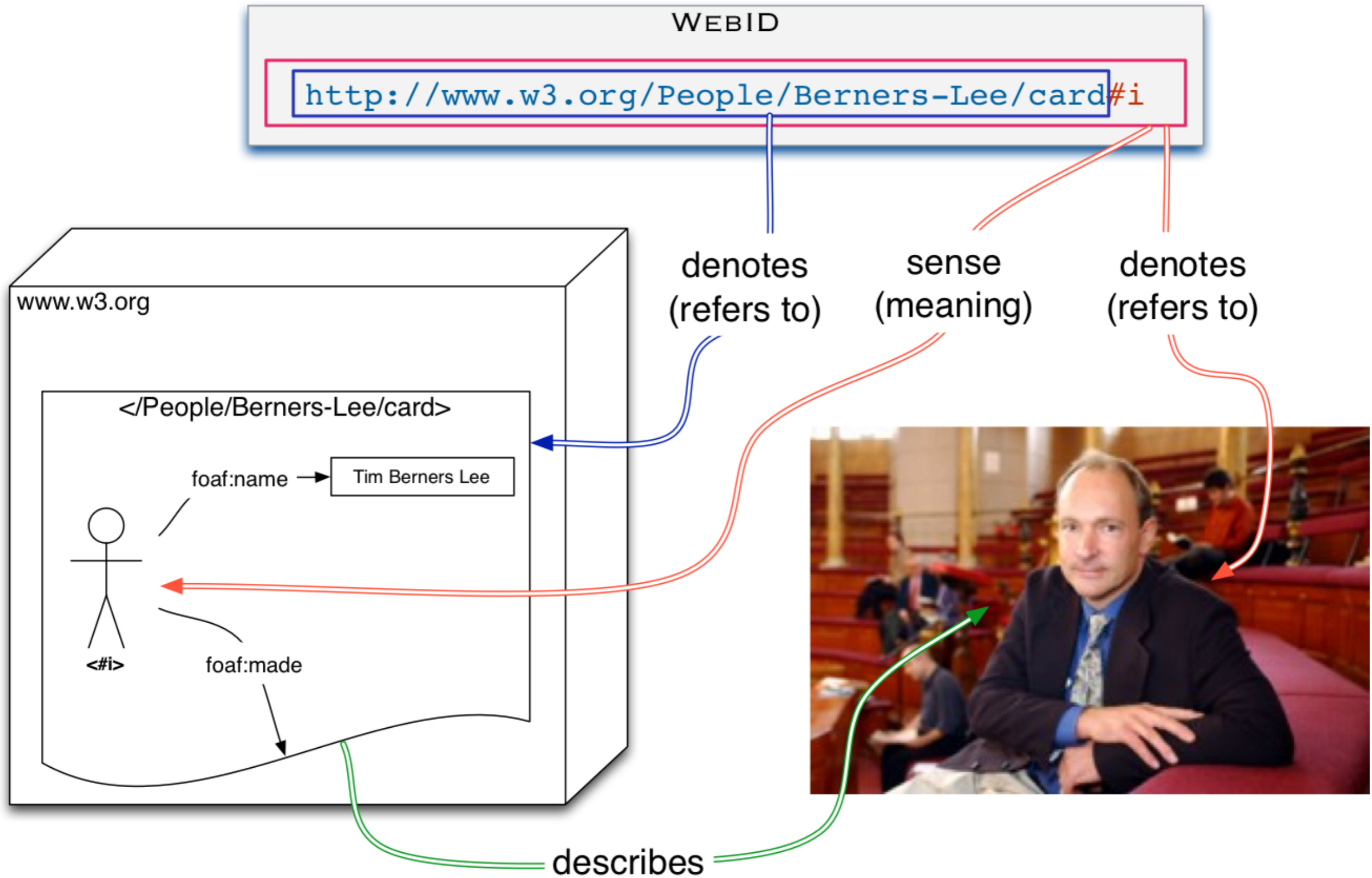


The Read-Write Secure Linked Data Web



Henry Story
<http://bbfish.net/>

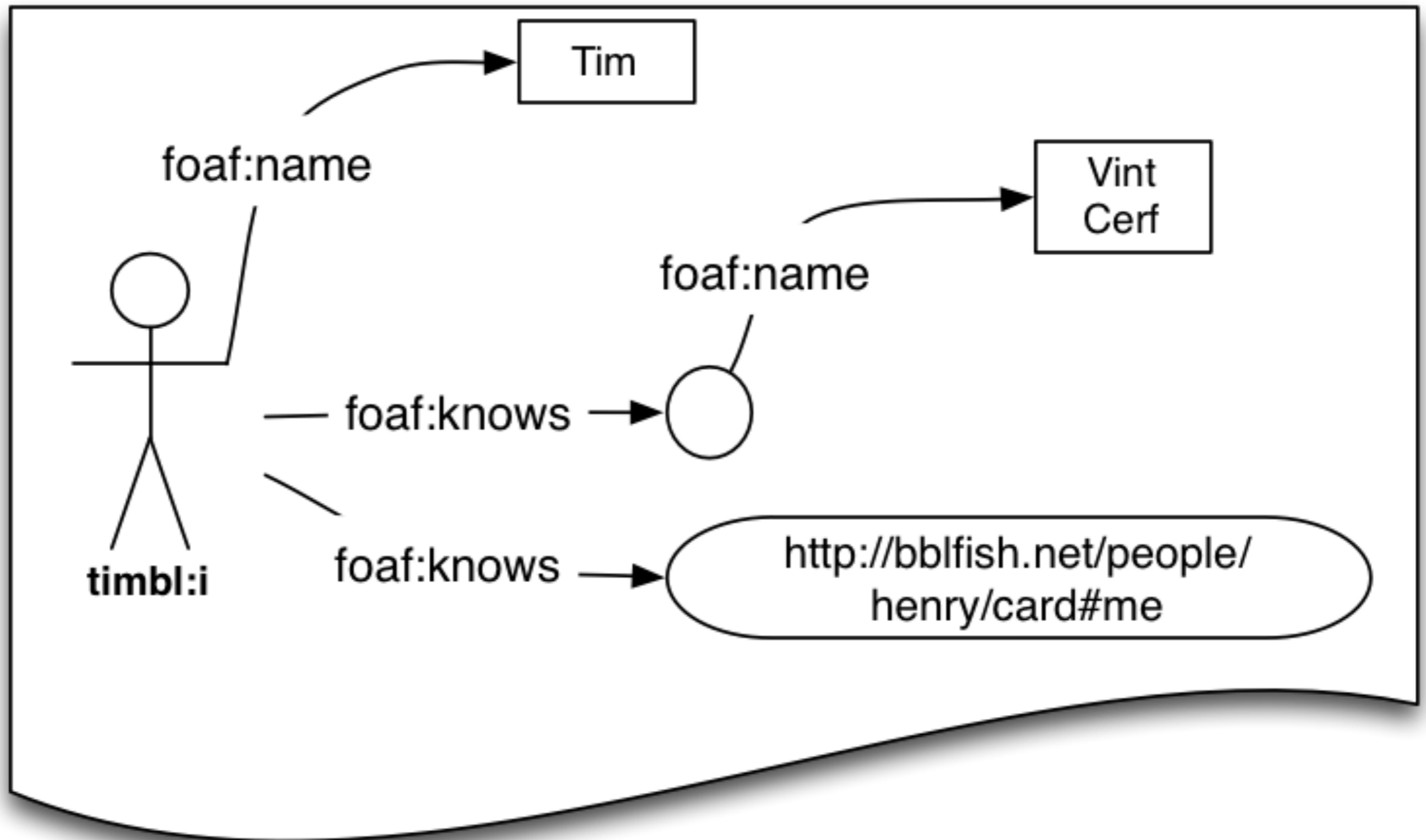
La logique des données liés



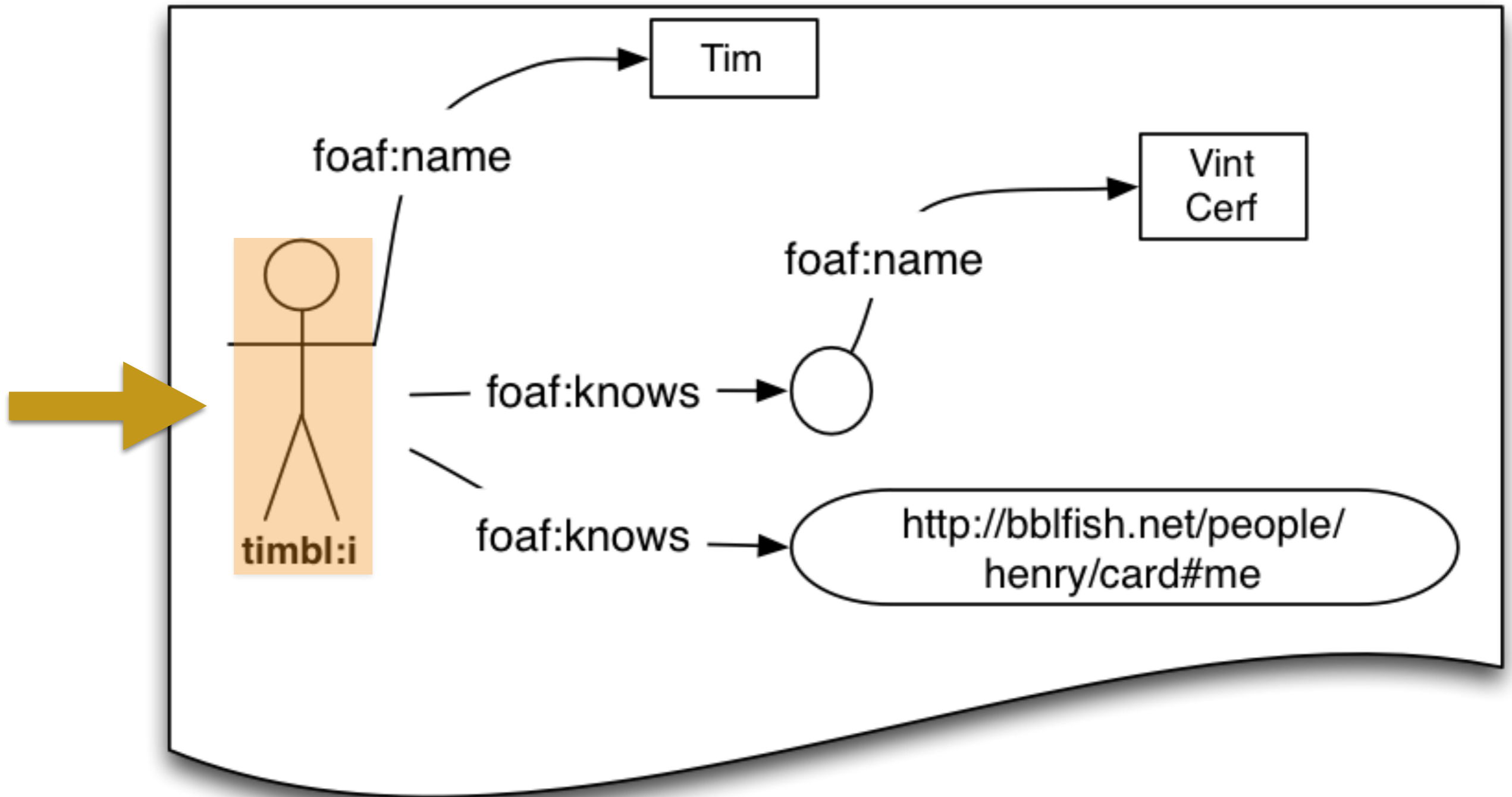
Vint Cerf & Tim Berners Lee



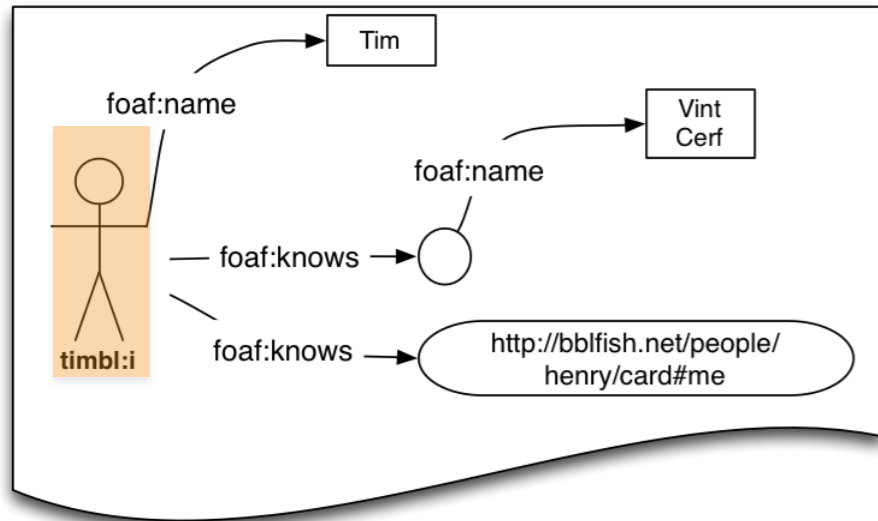
Un Graphe RDF



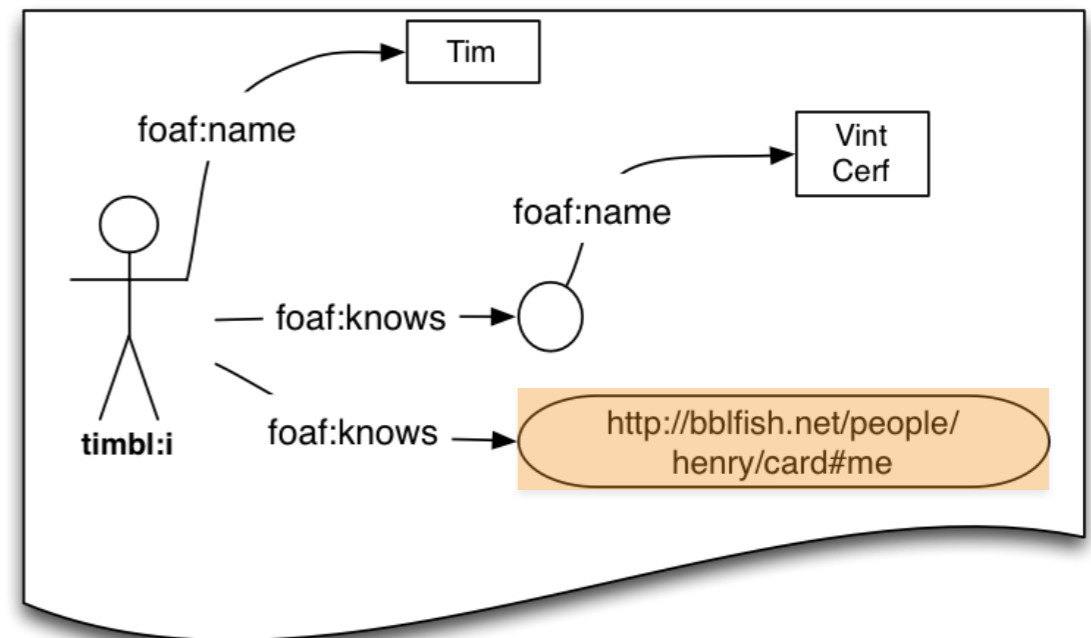
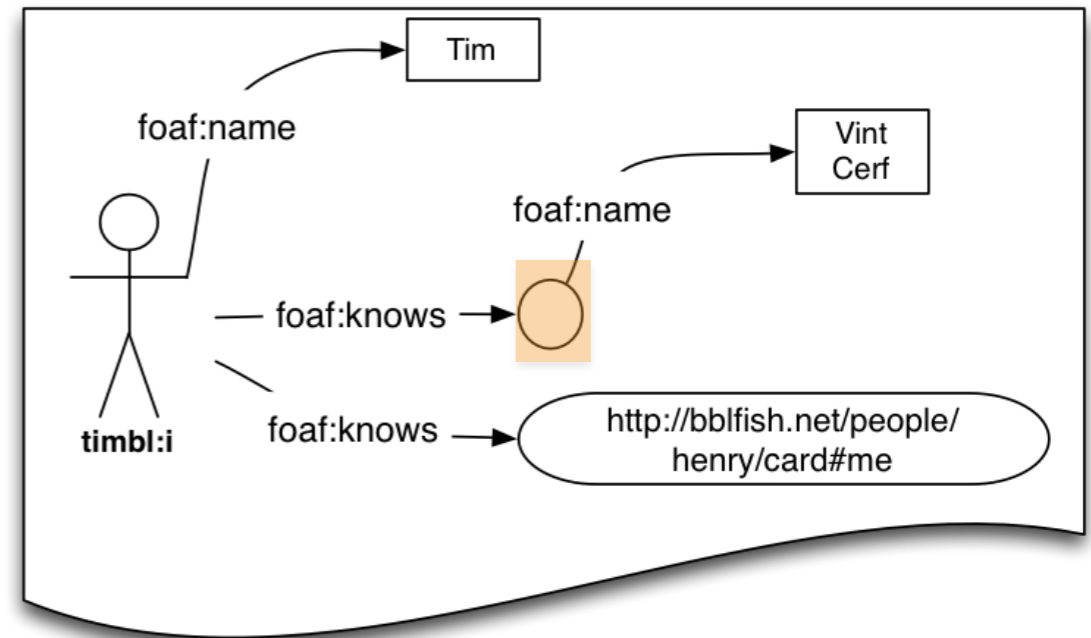
```
case class PointedGraph(point: Node, graph: Graph)
```



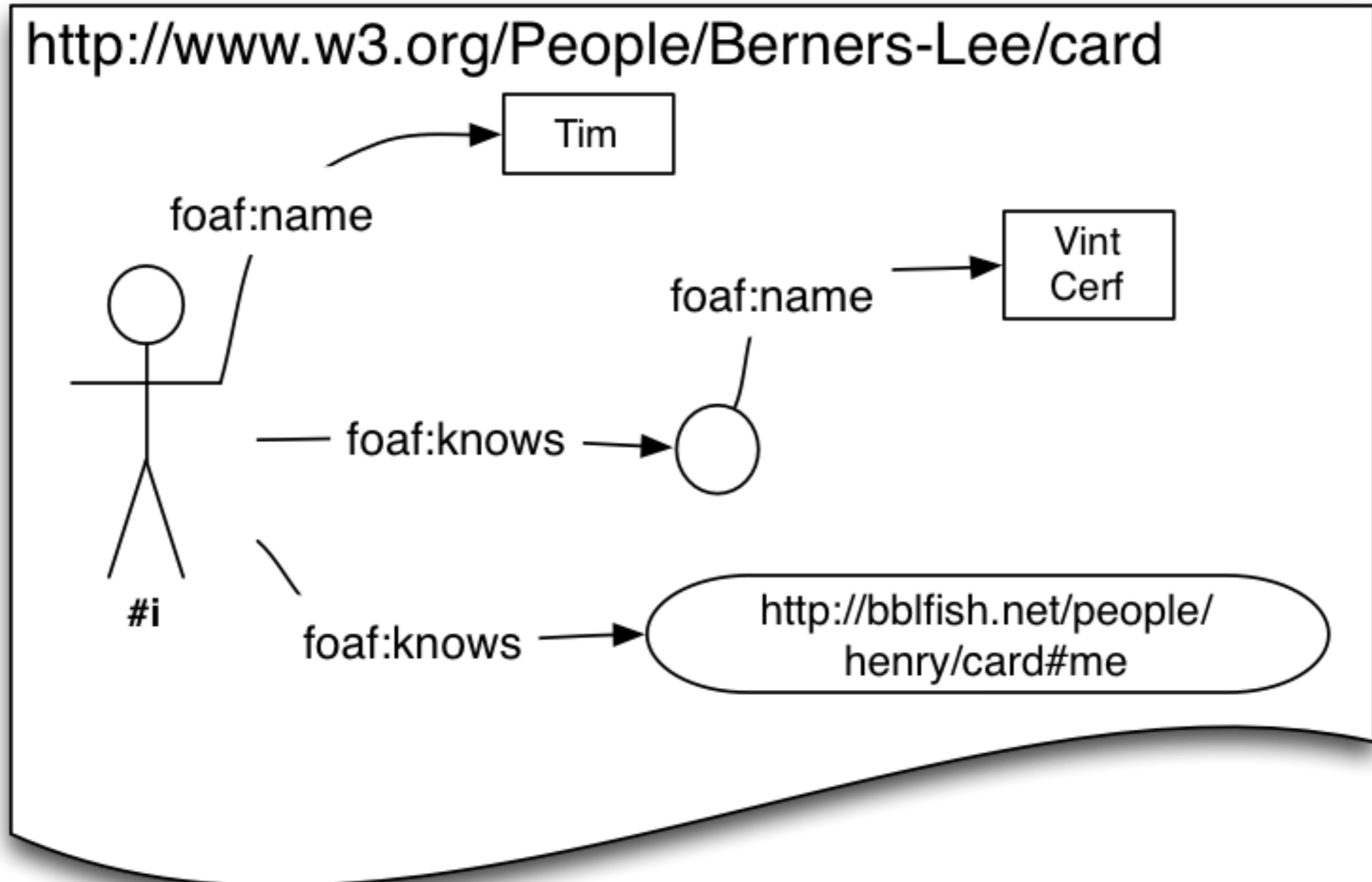
timbl/foaf.knows



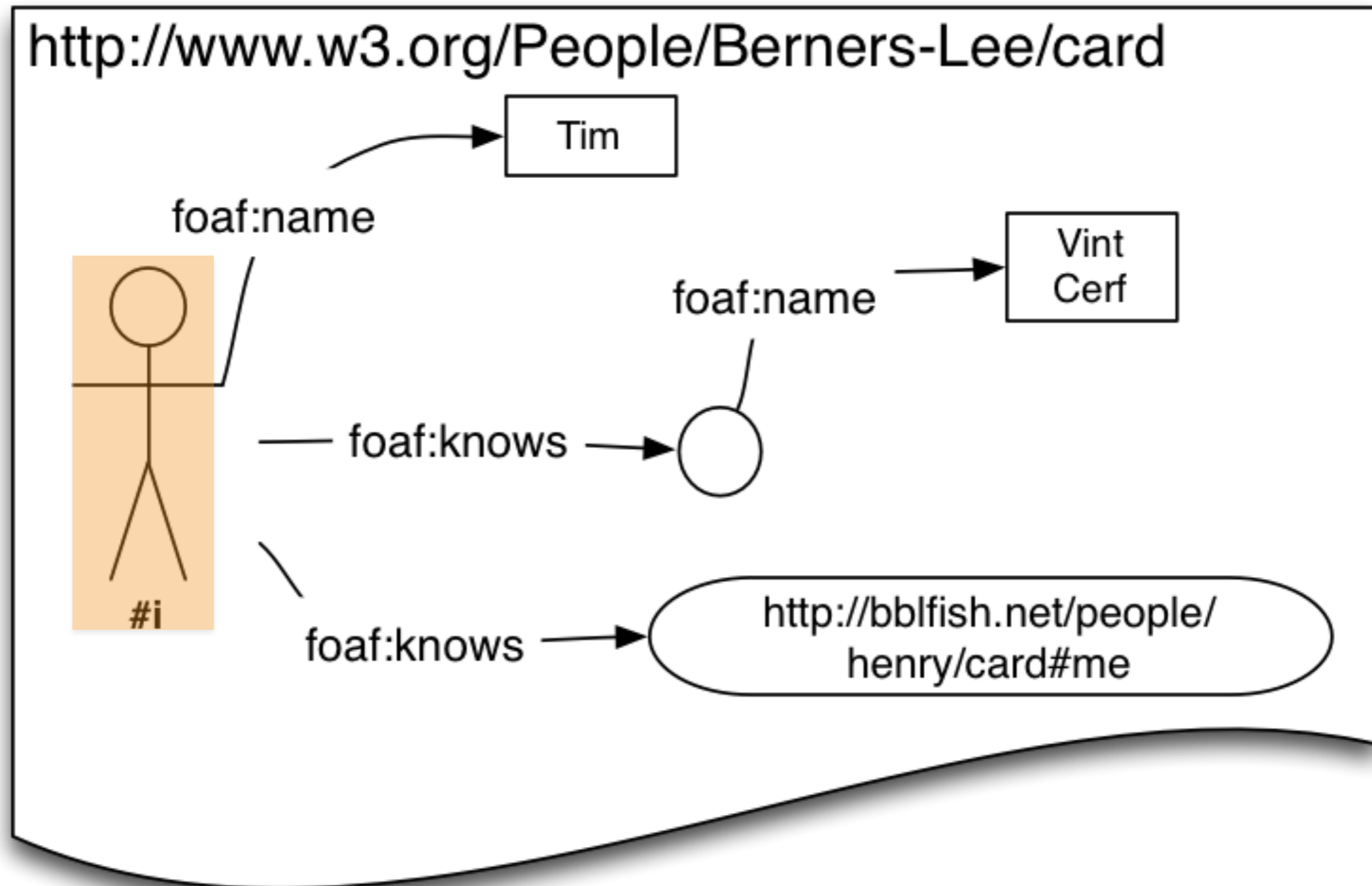
/foaf:knows



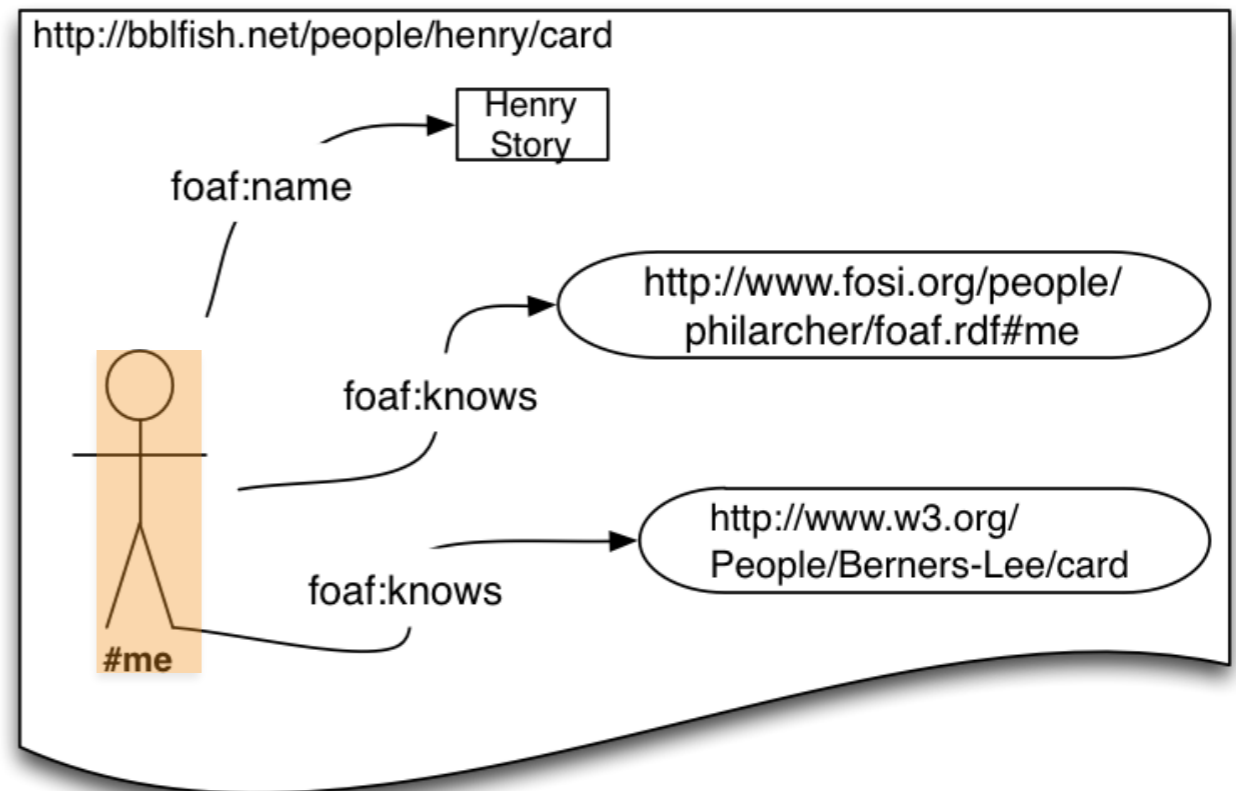
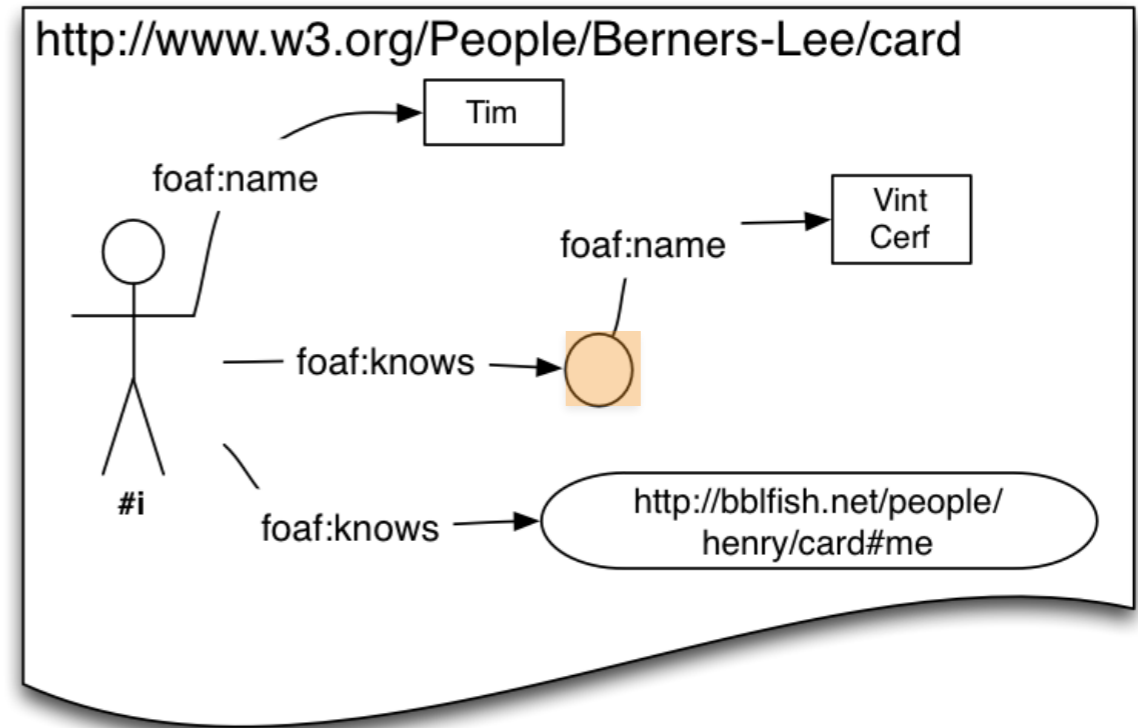
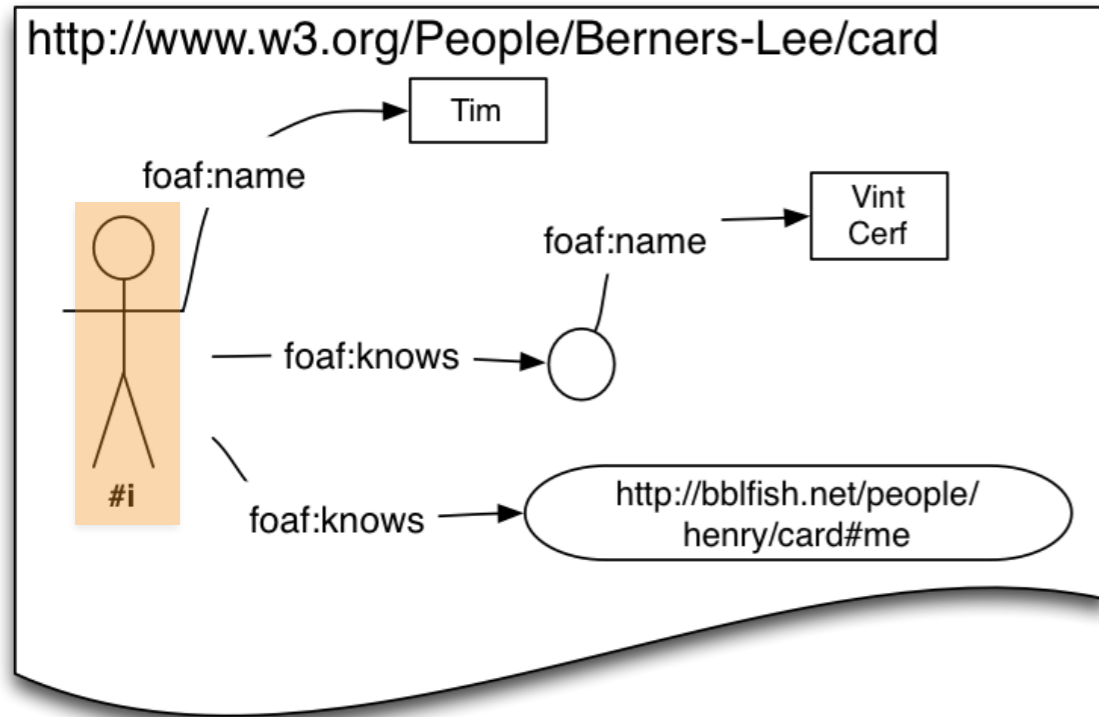
```
case class NamedGraph(name: IRI, graph: Graph)
```




```
case class PointedNamedGraph(point: Node, ng: NamedGraph)
```



timbl ~> foaf:knows



Sur le réseau:

`https://bblfish.net/people/henry/card`

reference



bblfish.net

```
@prefix xsd: <http://www.w3.org/2001/XMLSchema#> .
@prefix foaf: <http://xmlns.com/foaf/0.1/> .
@prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#> .
@prefix geo: <http://www.w3.org/2003/01/geo/wgs84_pos#> .
@prefix contact: <http://www.w3.org/2000/10/swap/pim/contact#> .
@prefix awol: <http://bblfish.net/work/atom-owl/2006-06-06/#> .
@prefix iana: <http://www.iana.org/assignments/relation/> .
@prefix cert: <http://www.w3.org/ns/auth/cert#> .
@prefix rsa: <http://www.w3.org/ns/auth/rsa#> .
@prefix wiki: <http://wikipedia.org/wiki/> .
@prefix pingback: <http://purl.org/net/pingback/> .

#removing web of trust pieces, and replacing it for the moment with
#cert ontology for foaf+ssl
#@prefix wot: <http://xmlns.com/wot/0.1/> .

@prefix : <http://bblfish.net/people/henry/card#> .

# testing
#:me foaf:knows <http://www.pipian.com/rdf/tami/juliette.n3#juliette> .
# end testing



<http://bblfish.net/people/henry/card> a foaf:PersonalProfileDocument;
foaf:maker :me;
foaf:title "Henry Story's FOAF file";
foaf:primaryTopic :me ;
iana:alternate <http://bblfish.net/people/henry/card.rdf>,
<http://bblfish.net/people/henry/card.n3> .
```




GET /people/henry/card HTTP 1.1
Accept: text/turtle

Content-Type: text/turtle

◇ a foaf:PersonalProfileDocument...




ACTION NEEDED

HENRY J. STORY
HENRY
<http://sun.com/>
0 0 0



Last message from :

No message


[Remove Contact](#) [Write back](#)

PEOPLE YOU MAY KNOW

...


...

...




Add as contact

SÖREN AUER
SÖREN
<http://bis.informatik.uni-leipzig.de/>



Add as contact

TIM BRAY
TIM
...




Add as contact

TIMOTHY BOUDREAU
TIM




Add as contact

MISCHA TUFFIELD
MISCHA



Add as contact

JAMES GOSLING
JAMES
...




Add as contact

DAN BRICKLEY
...
...




Add as contact

JOHN BLACK
JOHN
<http://deltek.com>



Add as contact

MARK G. DIXON
MARK
<http://sun.com/>



Add as contact


NAVIGATION



HTTP PATCH

https://bblfish.net/people/henry/card

reference



bblfish.net

```
@prefix xsd: <http://www.w3.org/2001/XMLSchema#> .
@prefix foaf: <http://xmlns.com/foaf/0.1/> .
@prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#> .
@prefix geo: <http://www.w3.org/2003/01/geo/wgs84_pos#> .
@prefix contact: <http://www.w3.org/2000/10/swap/pim/contact#> .
@prefix awol: <http://bblfish.net/work/atom-owl/2006-06-06/#> .
@prefix iana: <http://www.iana.org/assignments/relation/> .
@prefix cert: <http://www.w3.org/ns/auth/cert#> .
@prefix rsa: <http://www.w3.org/ns/auth/rsa#> .
@prefix wiki: <http://wikipedia.org/wiki/> .
@prefix pingback: <http://purl.org/net/pingback/> .

#removing web of trust pieces, and replacing it for the moment with
#cert ontology for foaf+ssl
#@prefix wot: <http://xmlns.com/wot/0.1/> .

@prefix : <http://bblfish.net/people/henry/card#> .

# testing
#:me foaf:knows <http://www.pipian.com/rdf/tami/juliette.n3#juliette> .
# end testing

<http://bblfish.net/people/henry/card> a foaf:PersonalProfileDocument;
foaf:maker :me;
foaf:title "Henry Story's FOAF file";
foaf:primaryTopic :me ;
iana:alternate <http://bblfish.net/people/henry/card.rdf>,
<http://bblfish.net/people/henry/card.n3>
```

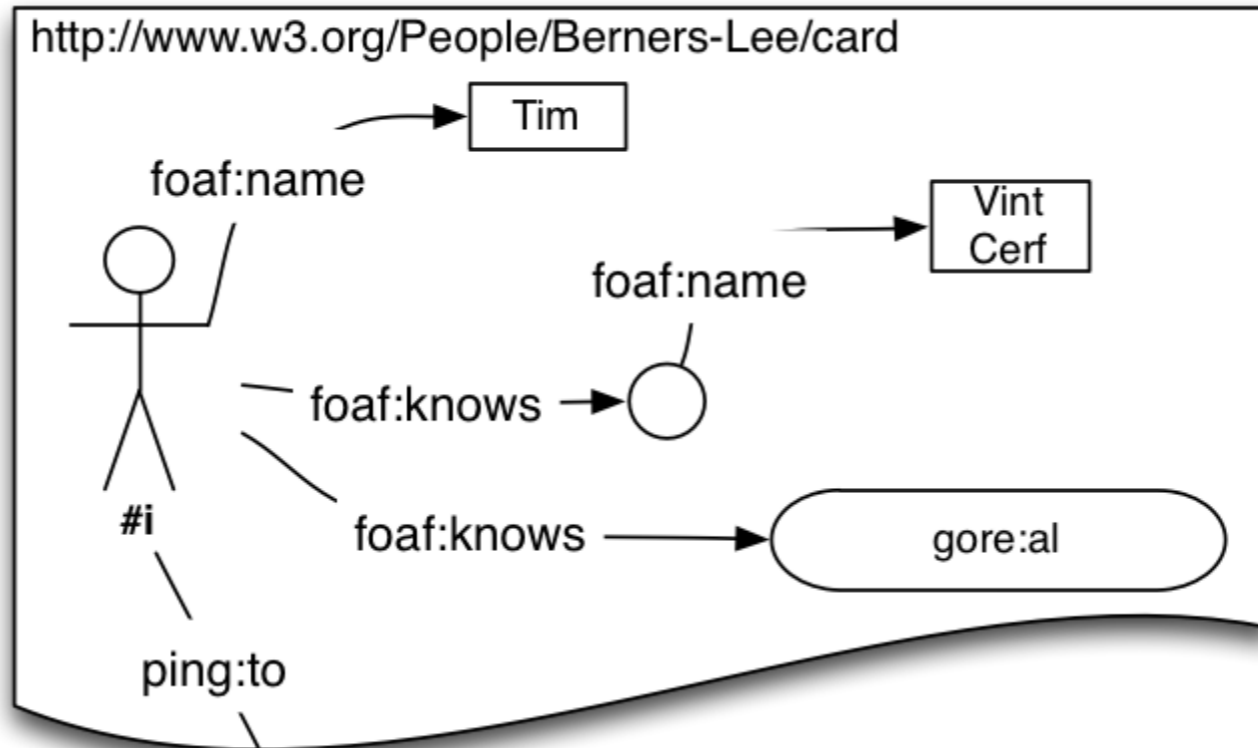
PATCH /people/henry/card HTTP 1.1
Content-Type: application/sparql-update

```
@prefix dan: <http://danbri.org/foaf.rdf>
INSERT {
<#me> foaf:knows dan:danbri .
}
```

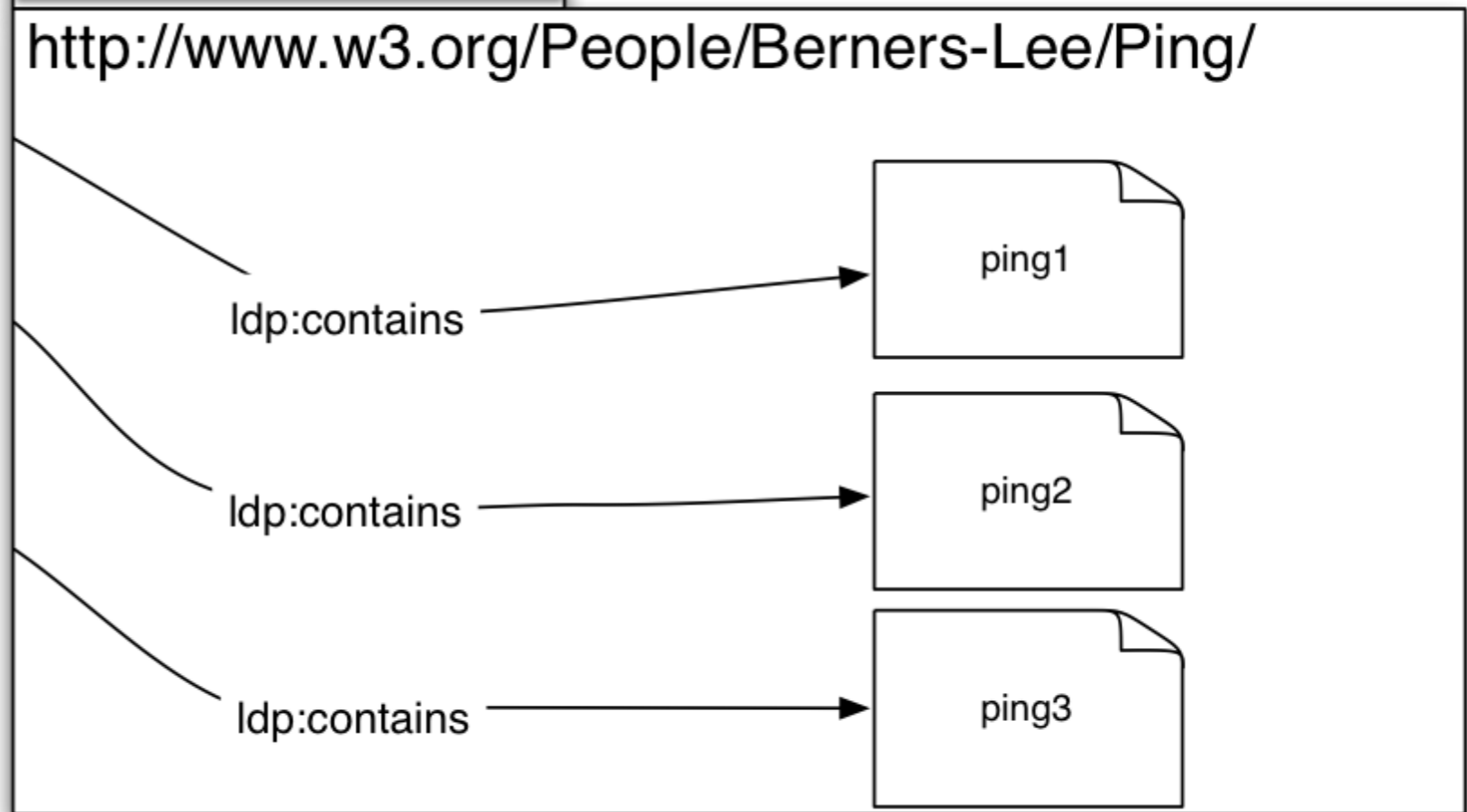
HTTP 200 Ok
Etag: "dfgshdfslg"



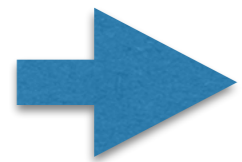
Que faire si TimBL veut que ces amis, ou les amis de ces amis puissent lui envoyer des notifications?



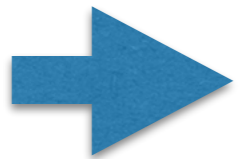
Idp:Container



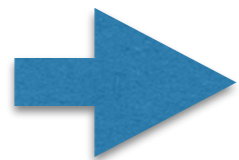
Mais comment faire pour éviter les spammeurs?



une identité globale et distribuée: WebID

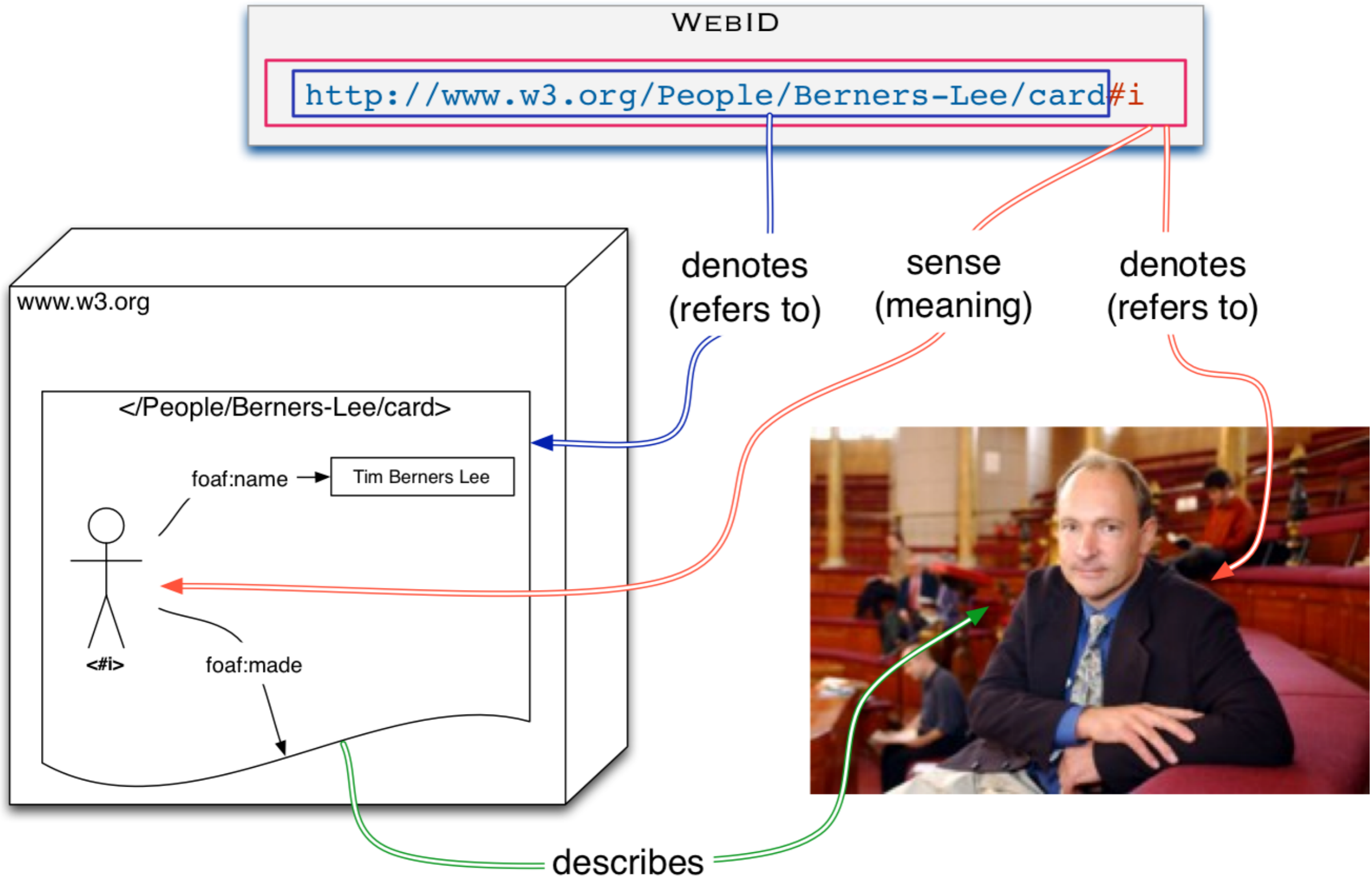


l'authentification

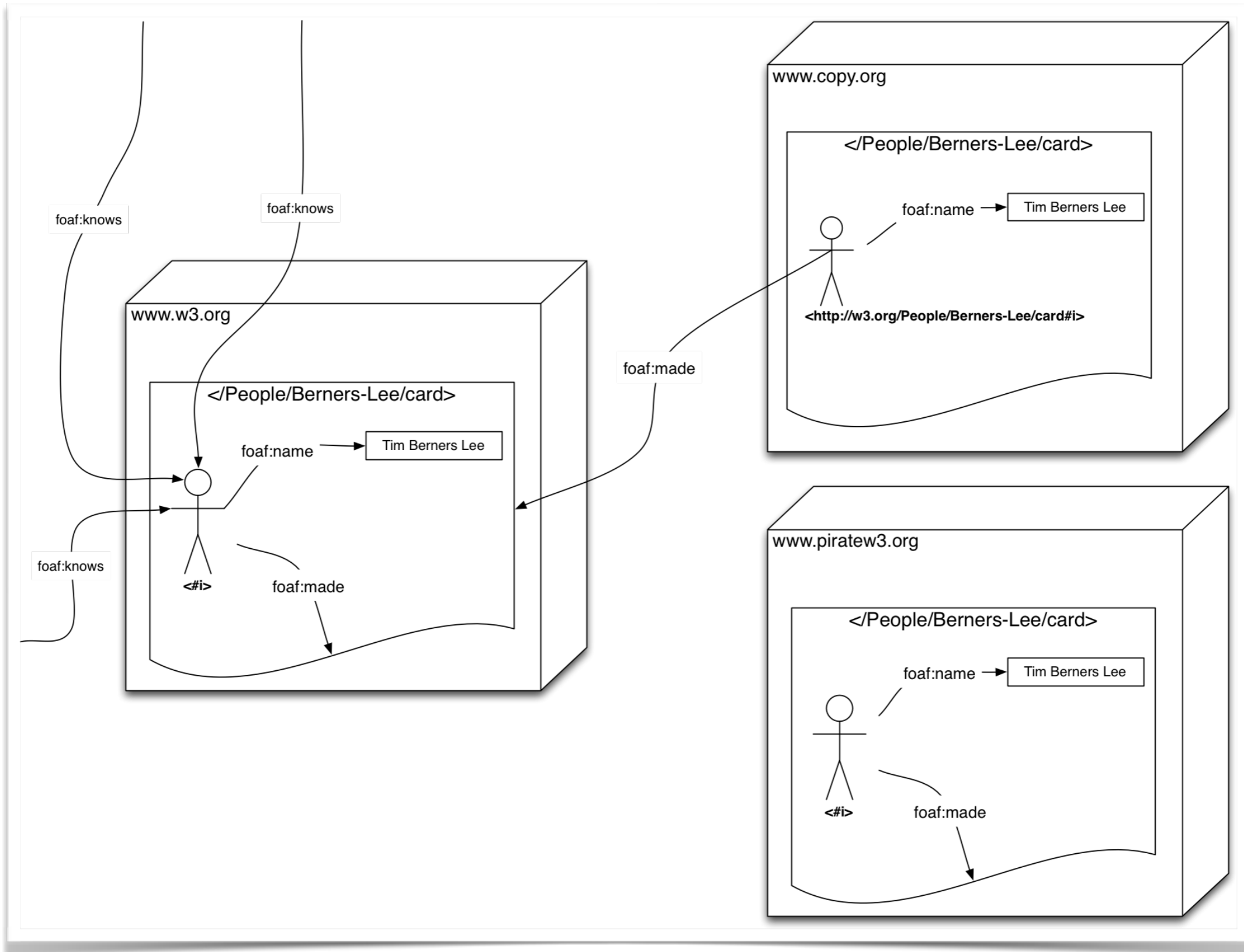


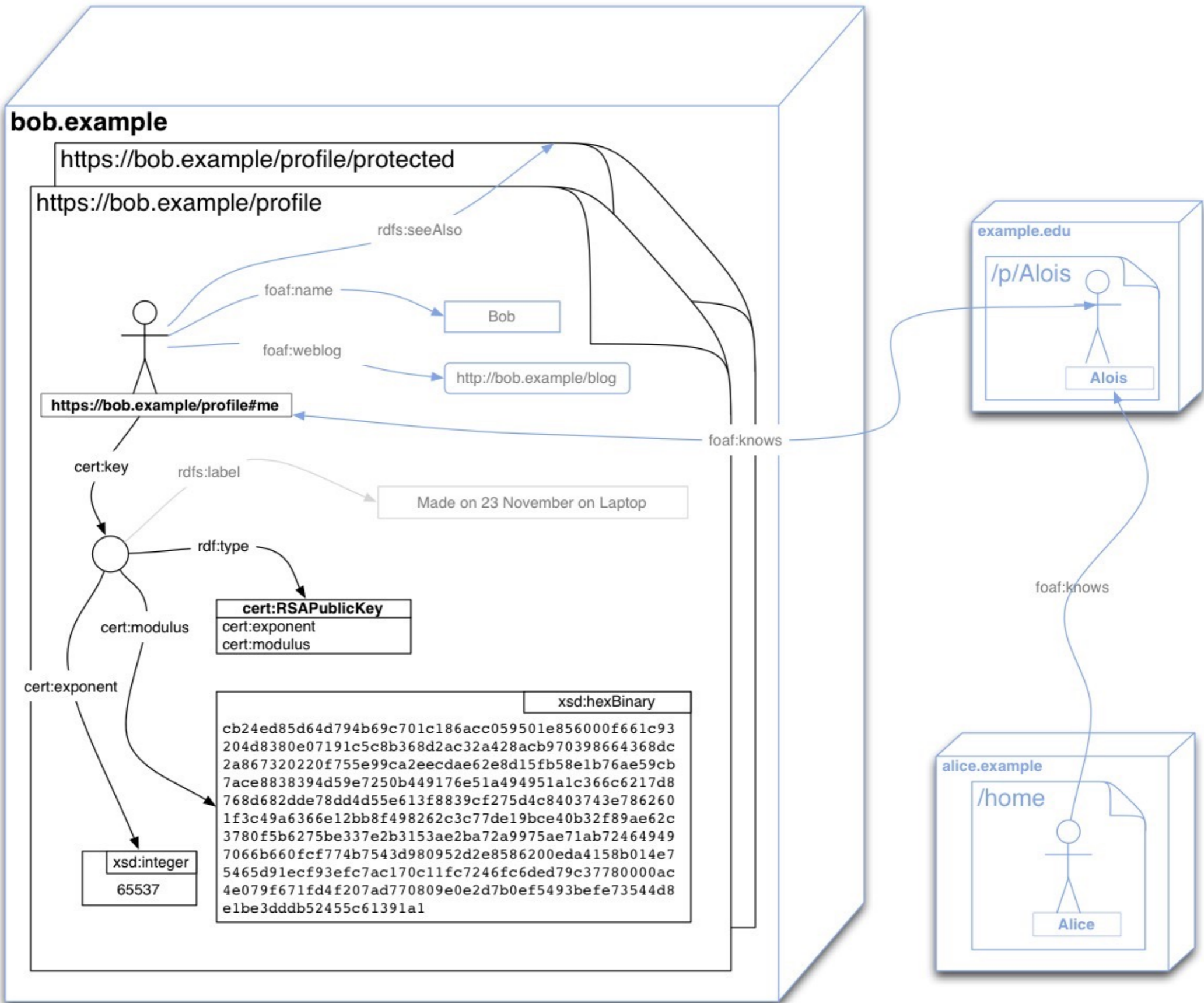
le contrôle d'accès

La logique des données liés

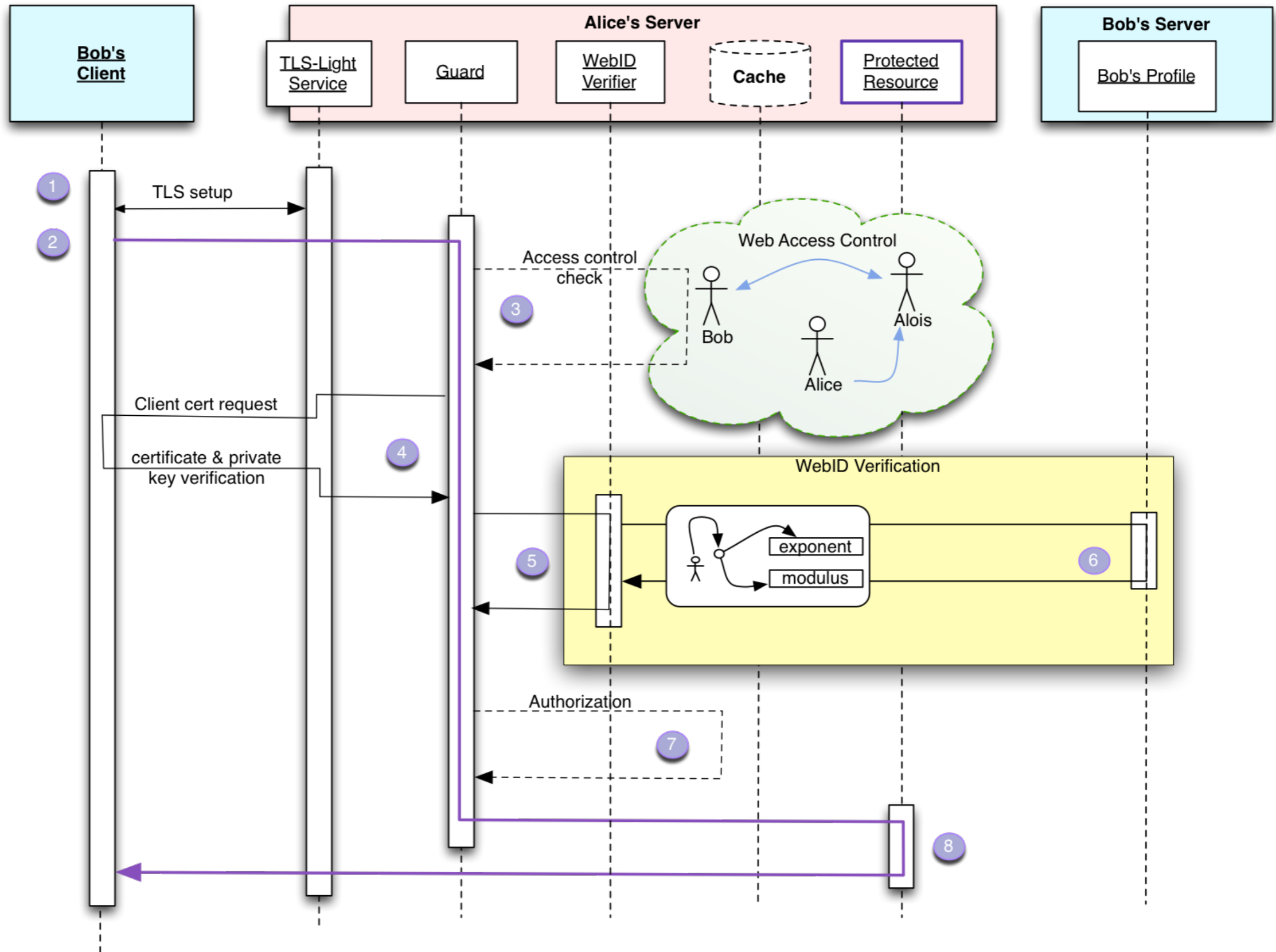


deux types de copies de graph

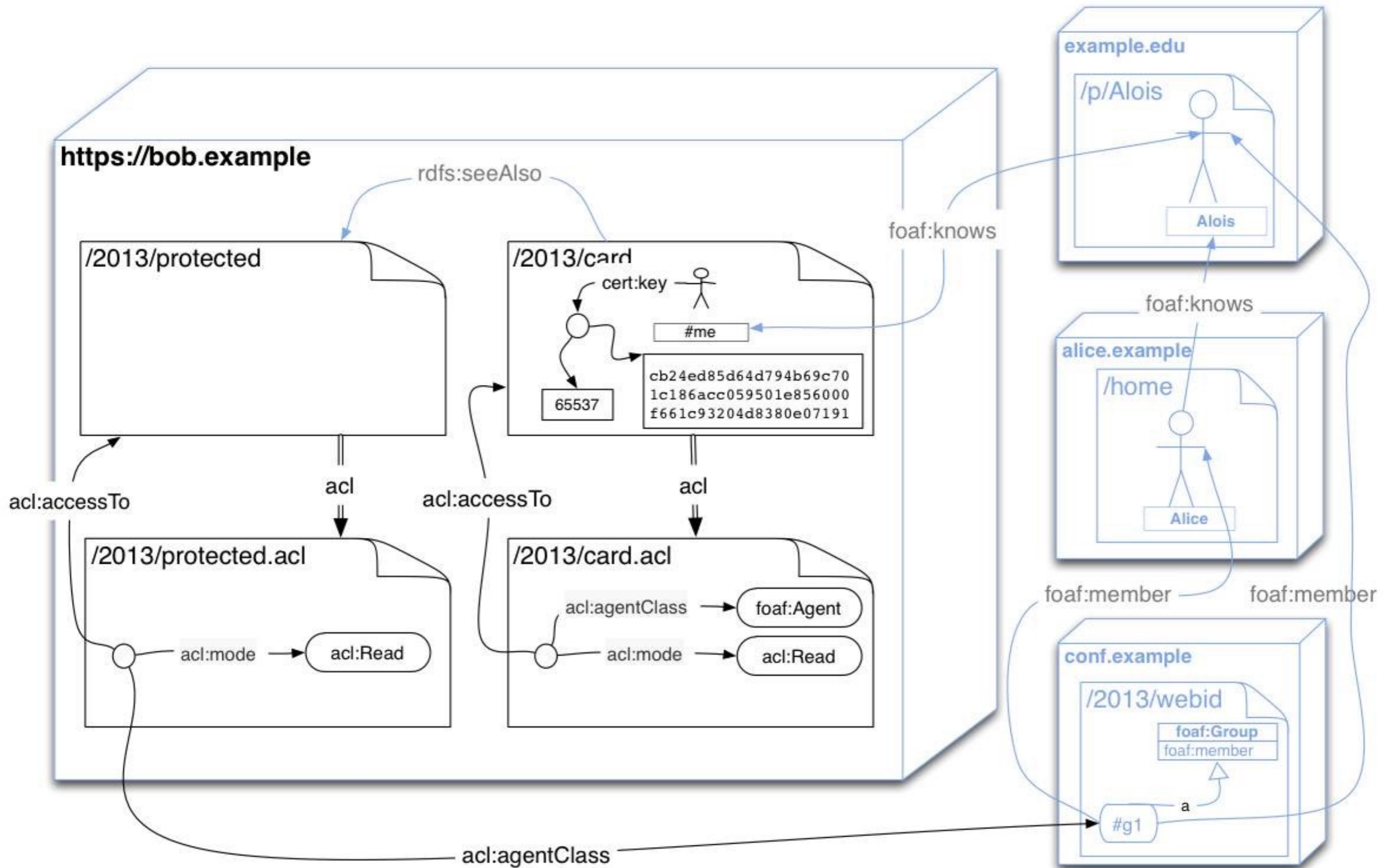




<http://webid.info/>



Web Access Control



Pour en savoir plus:

- WebID, WebACL, <http://webid.info/>
- LDP: http://www.w3.org/2012/ldp/wiki/Main_Page
- <https://github.com/read-write-web/wiki/wiki>