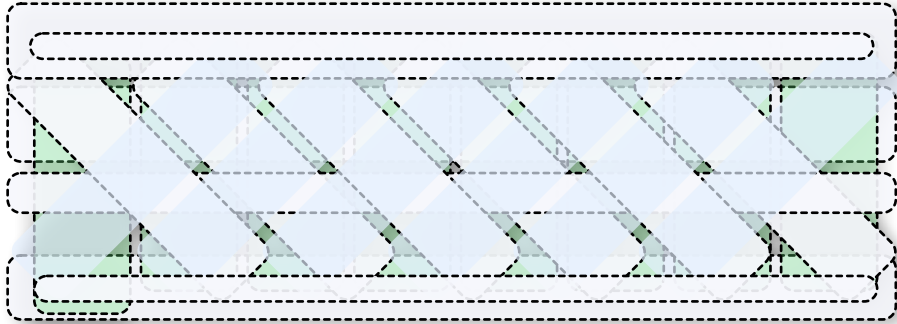


The Object Hotel

nothing special, just a place to store things

get a room!

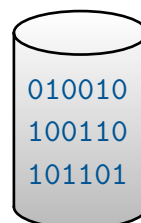


CONSEQUENCE HOTEL

```
{ "task": "AirportStatistics"  
  , "date-range": "2015-01"  
  , "^epsilon": 0.3  
}
```



0x3b78c6ff2e0a002bcdfe746ab0a



The concept

nothing special, just a place to store things

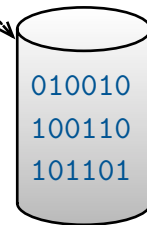
you have some
"document",
the result of
a computation,
maybe.



*image, table,
graph, GIS, ...*

it's stored in a file
using bytes,
made of bits,
this is called **data**

this file has a file type
or MIME-type,
declaring its
format, how to
interpret it



.csv .tsv .geojson
.yaml .png .xml

we label the document,
with an information card,
this is called **meta-data**

```
{ "task": "AirportStatistics"  
  , "date-range": "2015-01"  
  , "~epsilon": 0.3  
}
```

the document is given an address,
the *hash* of it's contents

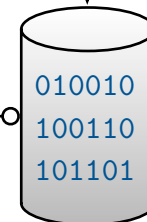
0x3b78c6ff2e0a002bcdfe746ab0a

equivalent labels get the same address,

conversely,

each different file needs a different label

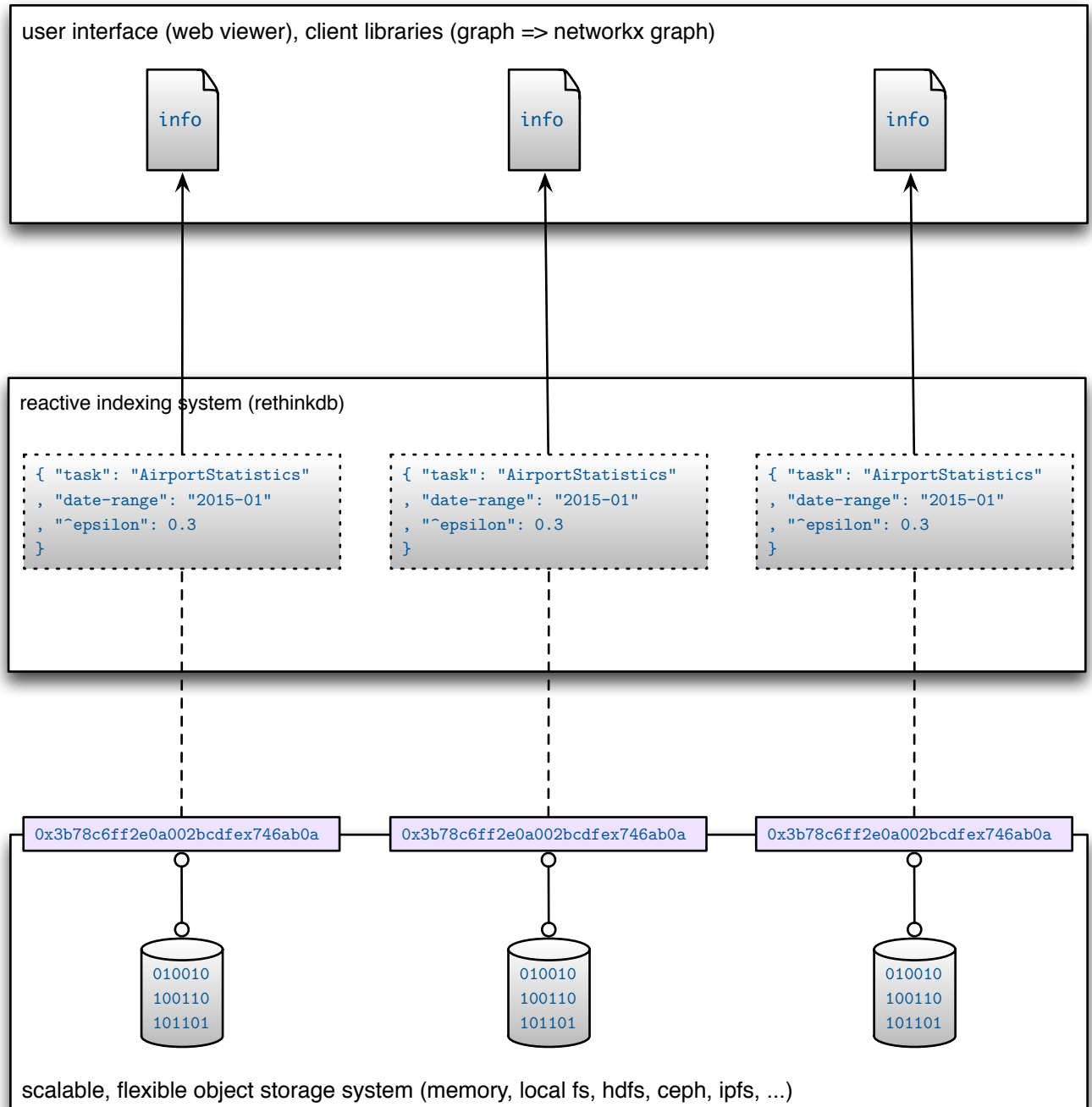
the file is uploaded
to the address



you can freely decide how to label and
adorn each file. you can use this to find it again

The result

a library of things, fruits of labour, rooms with information

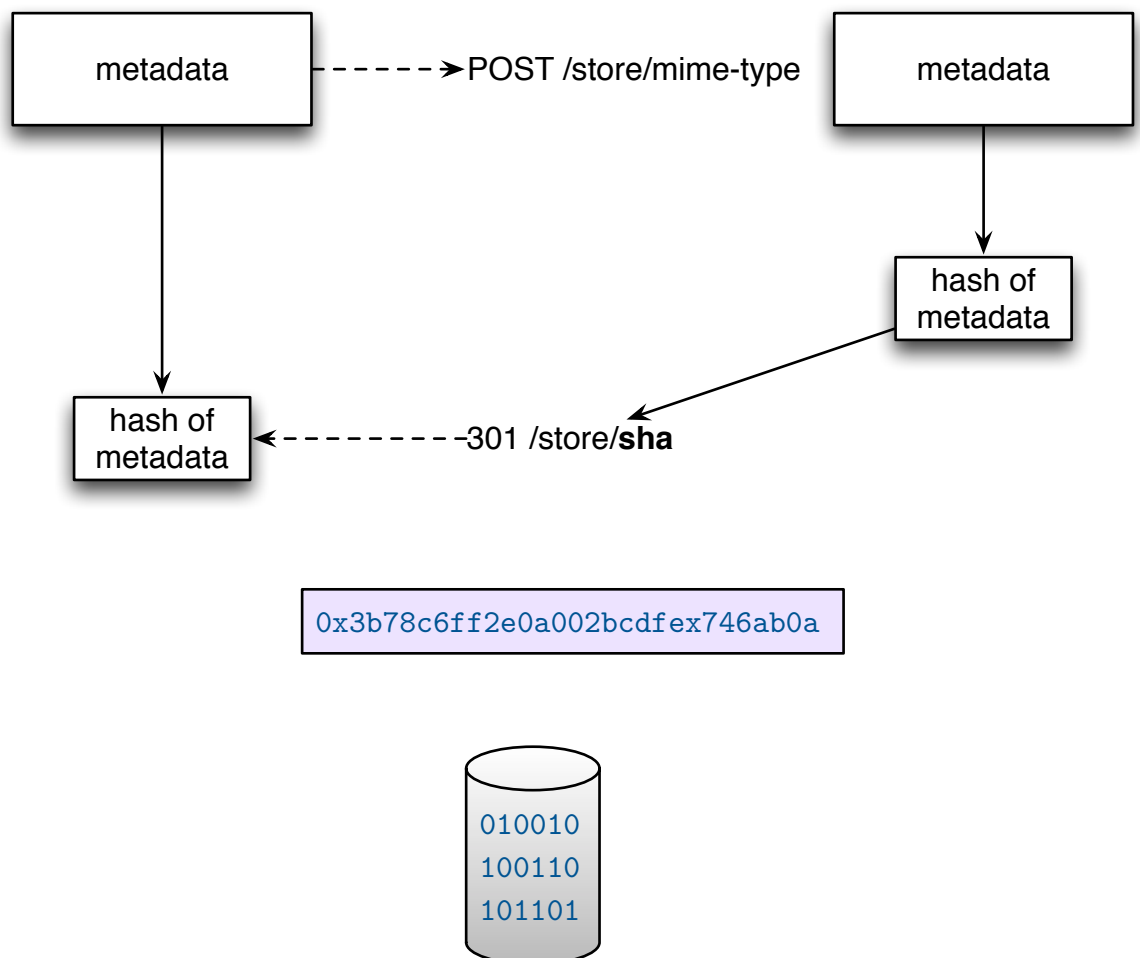


Requesting a room

before you can put a file into a room, you need to request it.

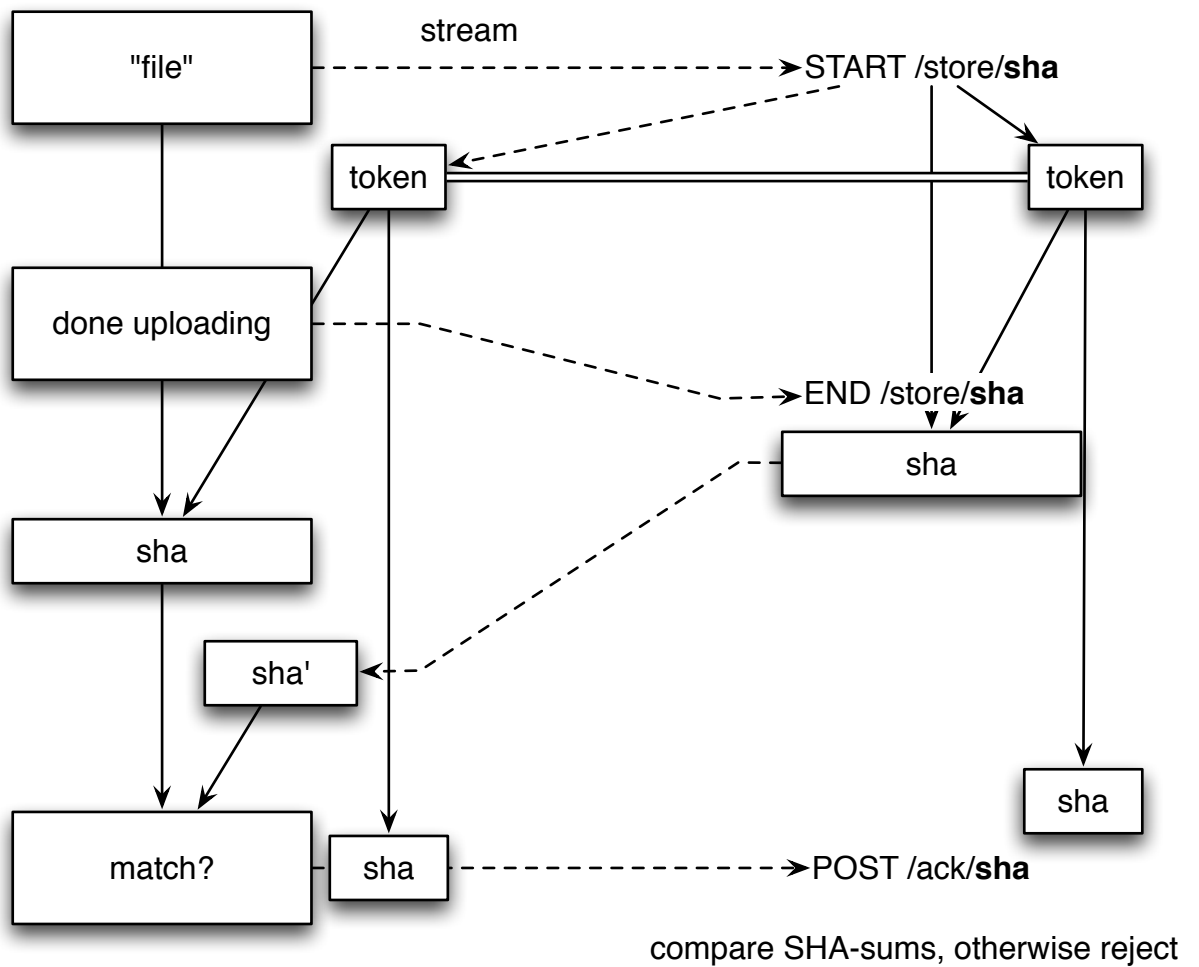
this is simple, a meta-data dictionary is passed as a room-coordinate

```
{ "task": "AirportStatistics"
, "date-range": "2015-01"
, "^epsilon": 0.3
}
```



Streaming file upload

A simple protocol ensures that files are uploaded complete and intact



once transmission is acknowledged, the file is locked and the meta data updated