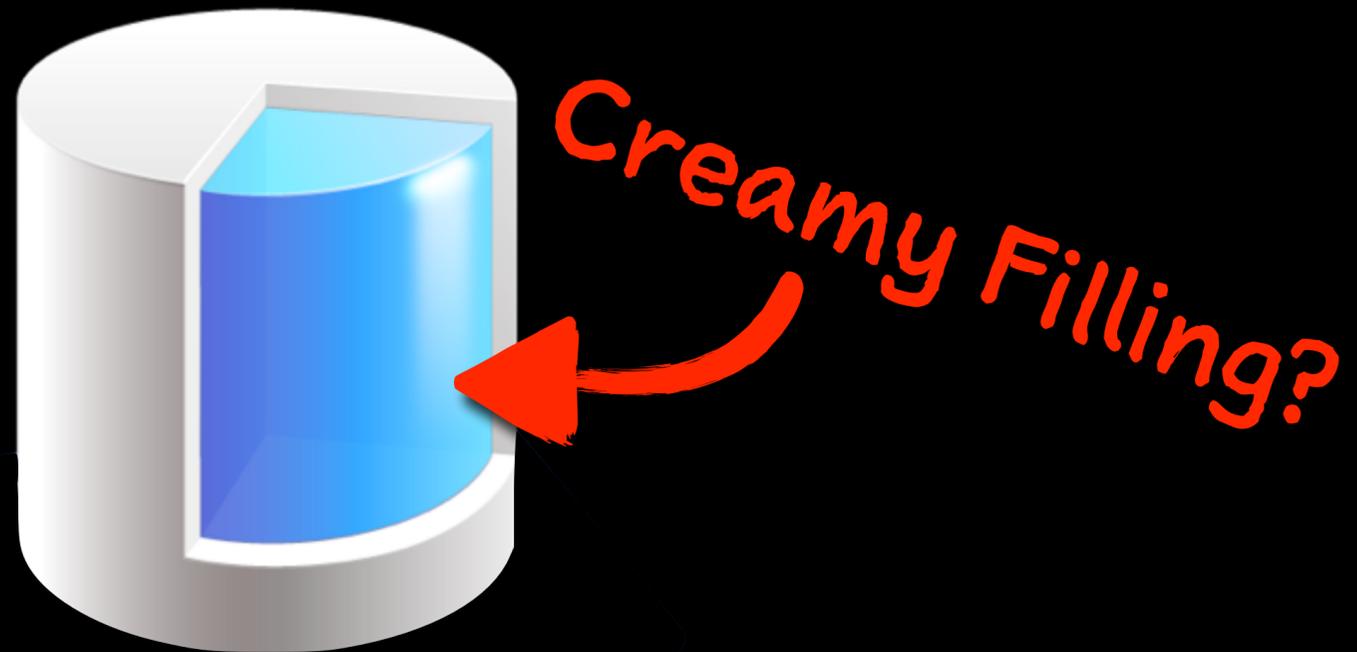


NSIncrementalStore

Journey To The Center Of Core Data





@jonathanpenn



**RUBBER CITY
WIZARDS**

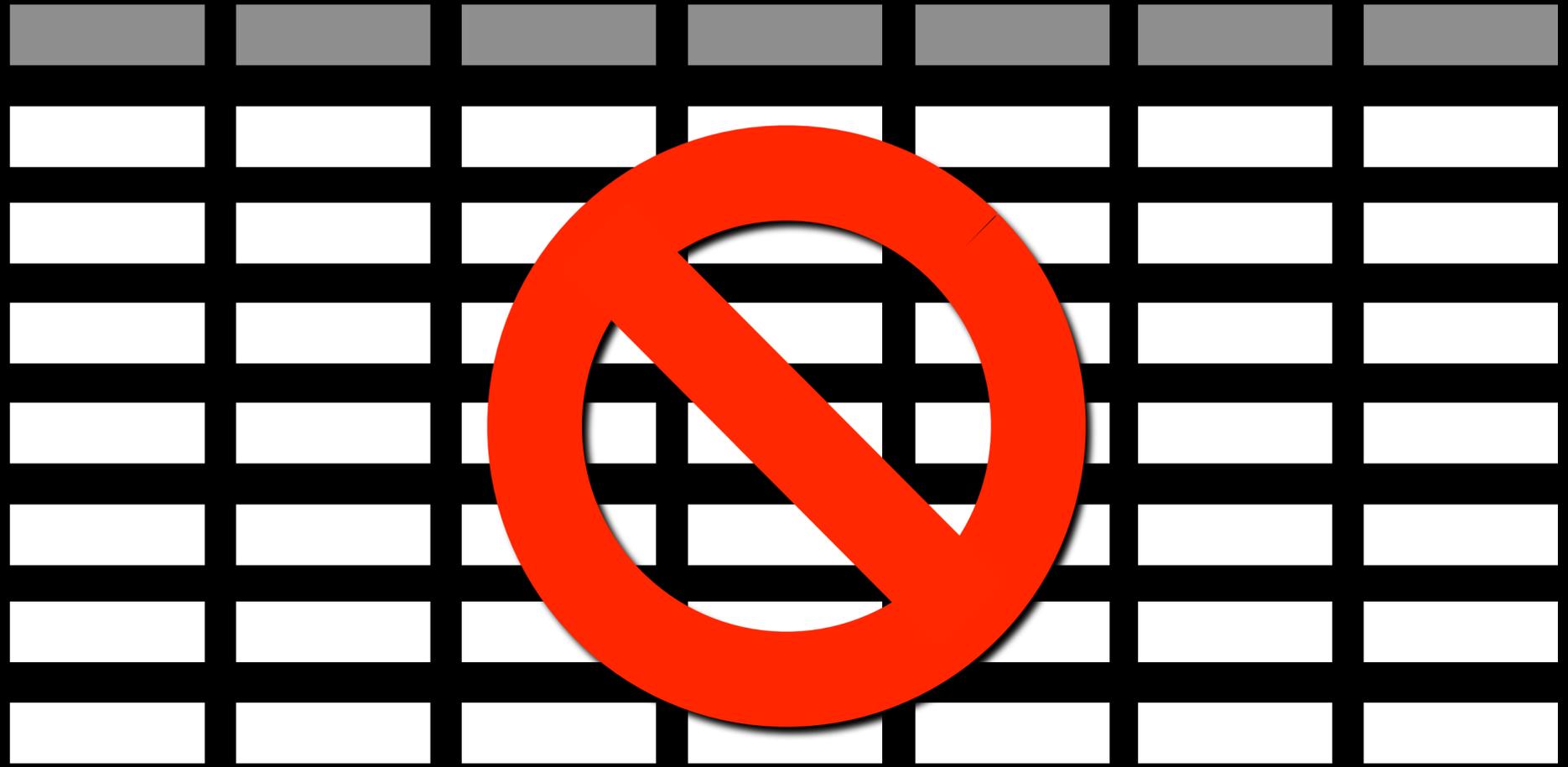
Goals

1. Understand Core Data

2. Explore A Non-trivial Problem

Slides 'n Sample Code

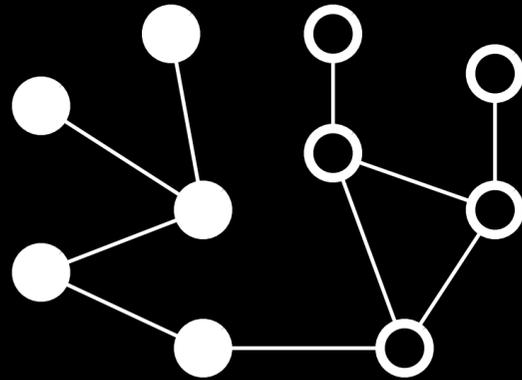
rubbercitywizards.com/stuff



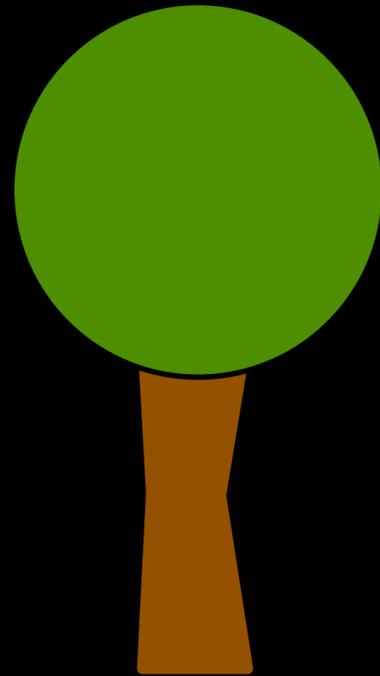
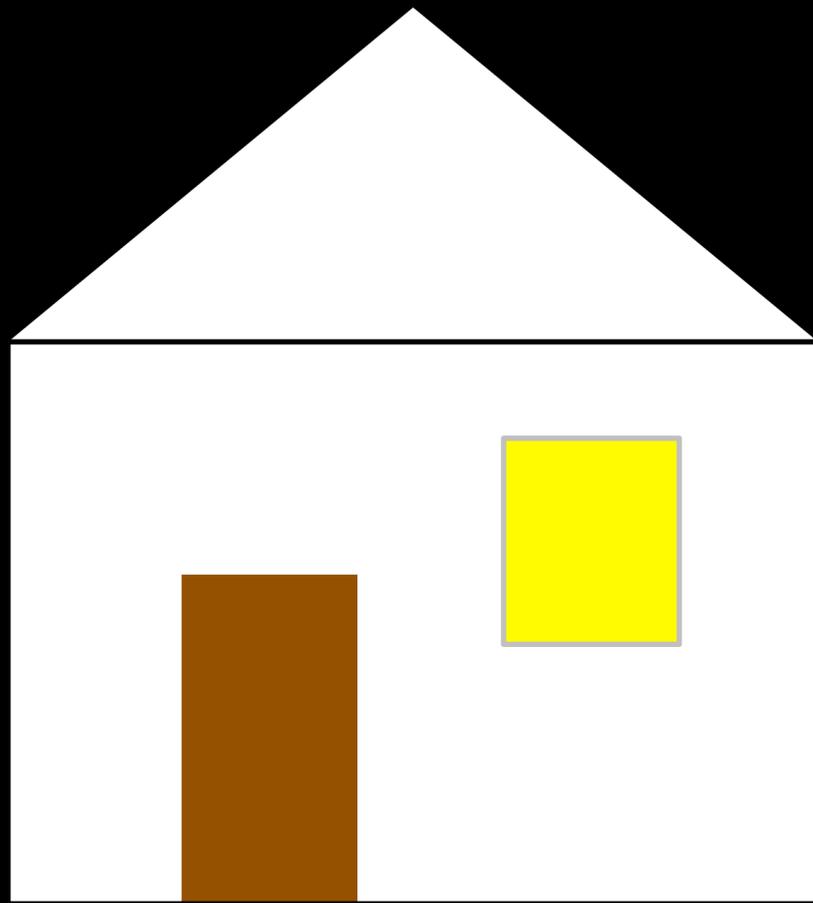
...

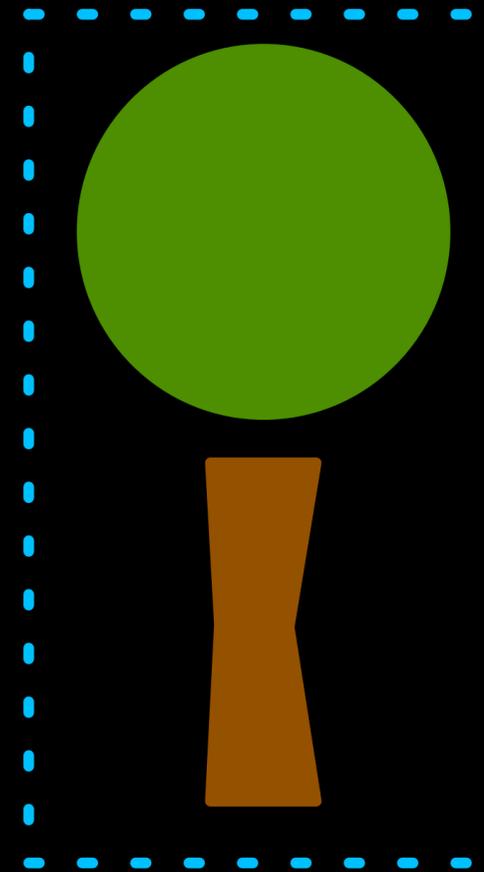
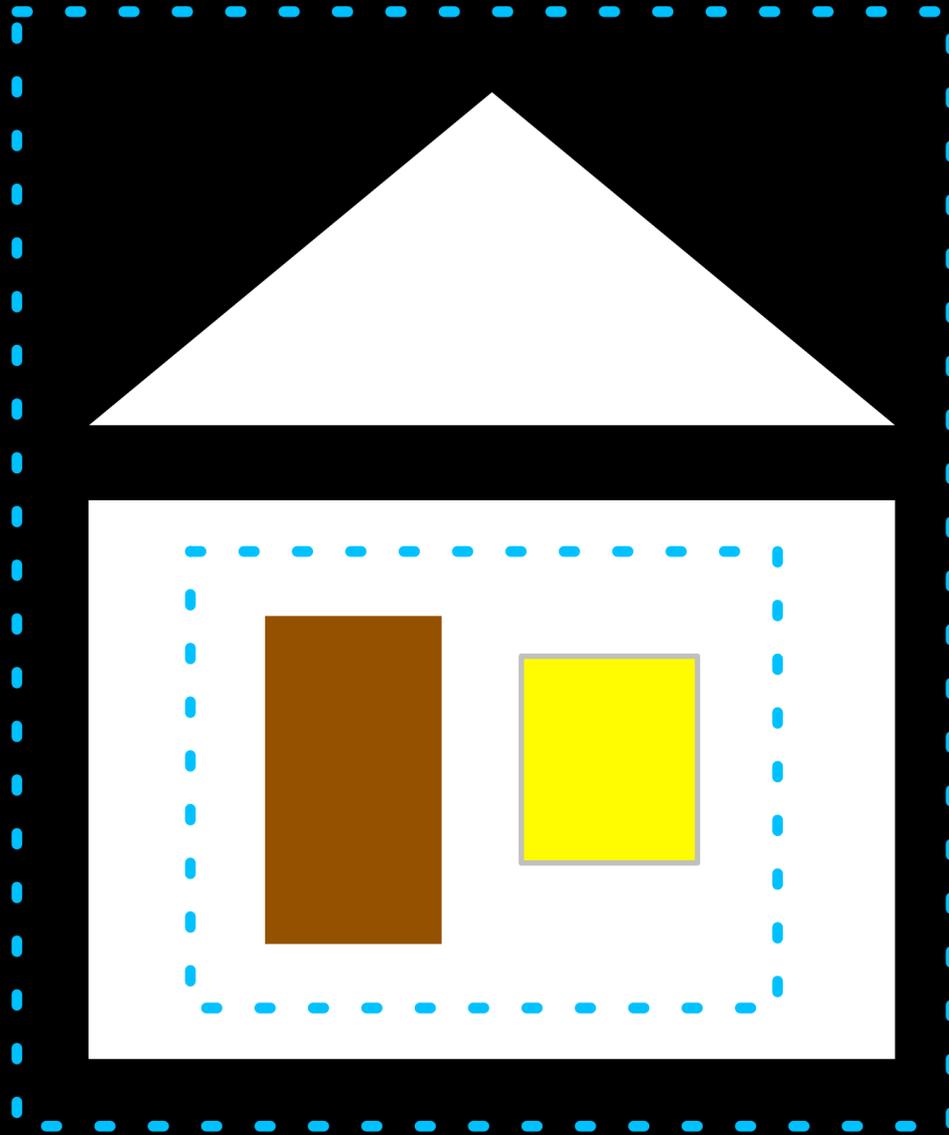
Mmmmm, goodies!

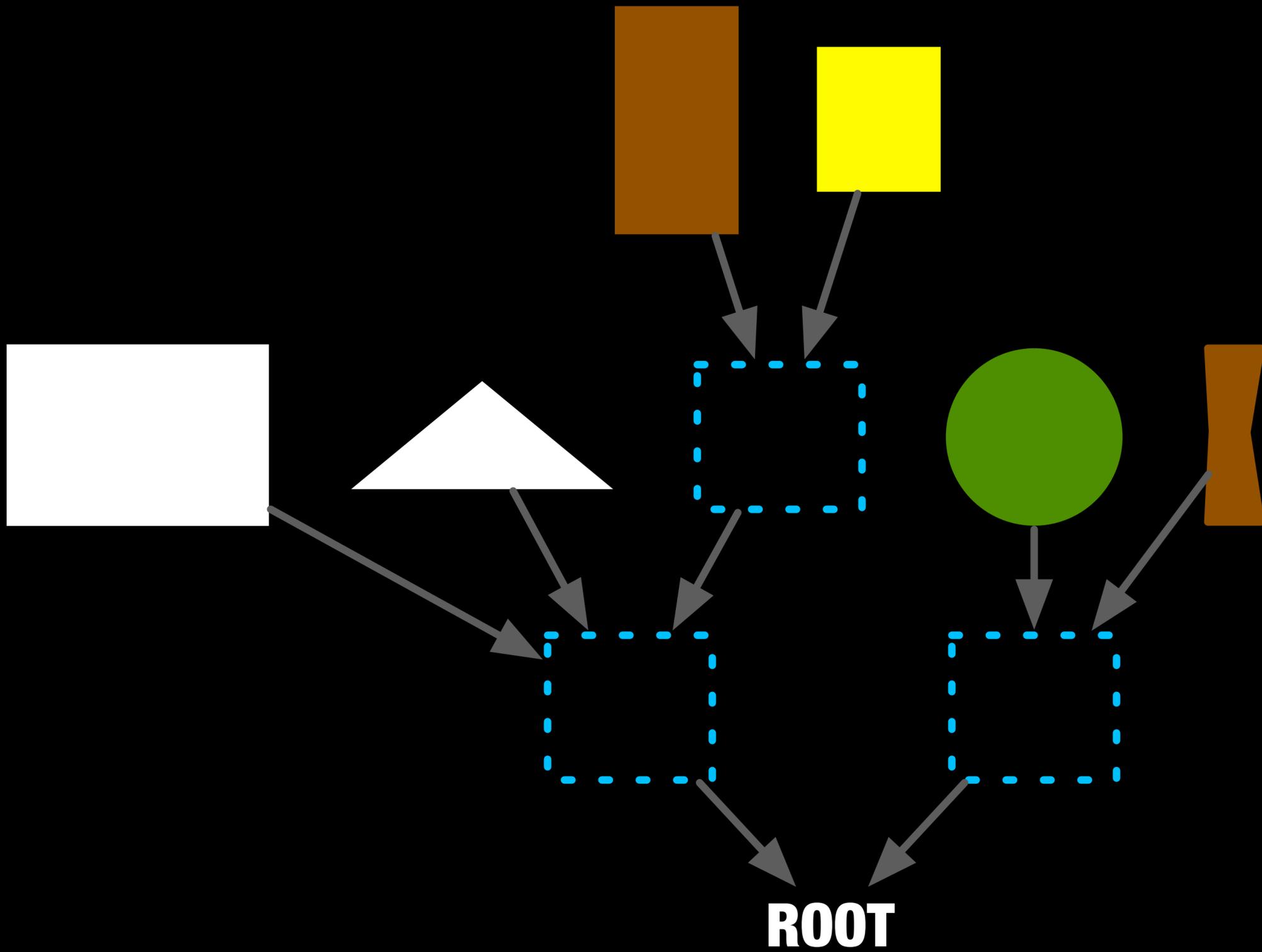
Object Graph

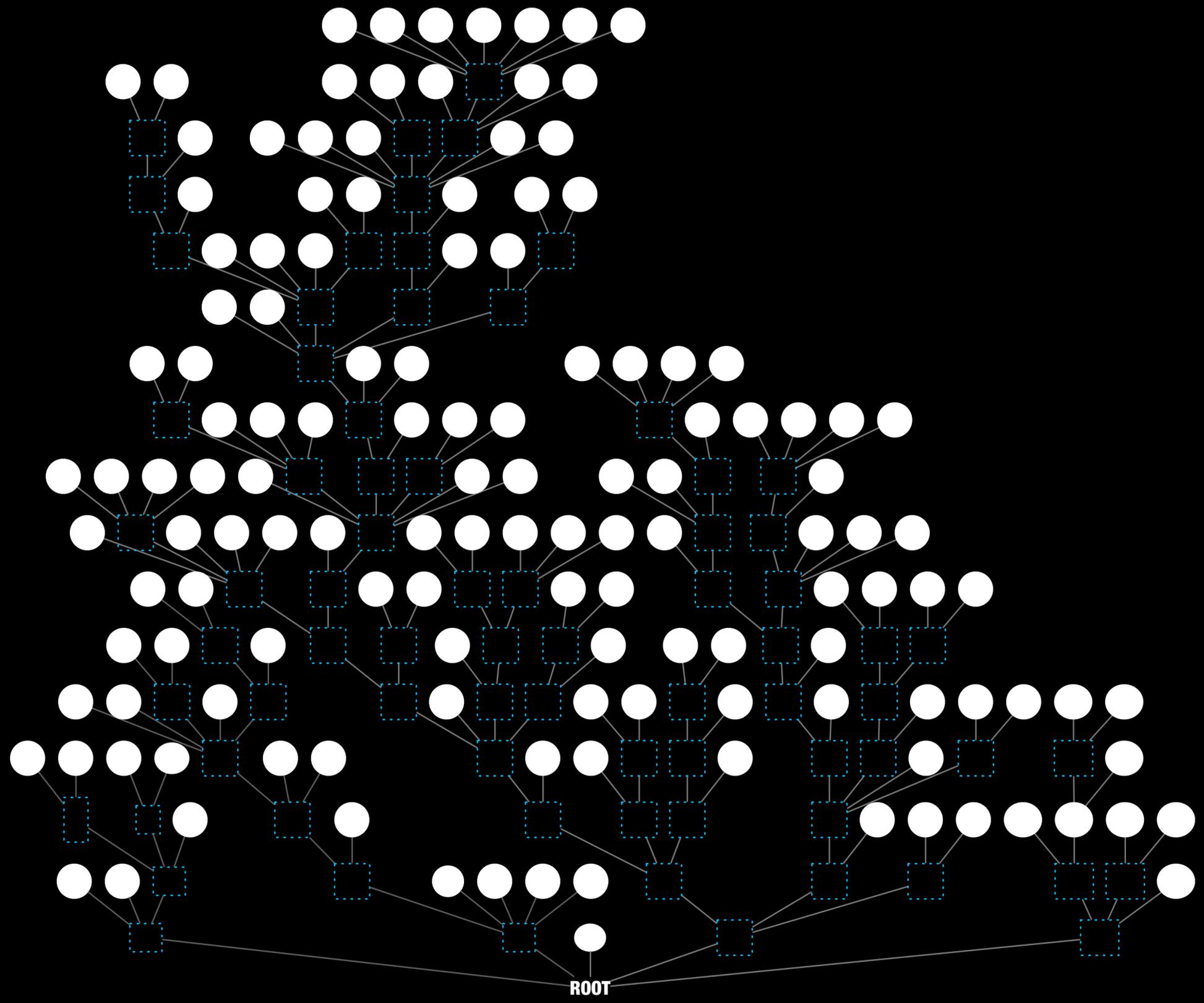


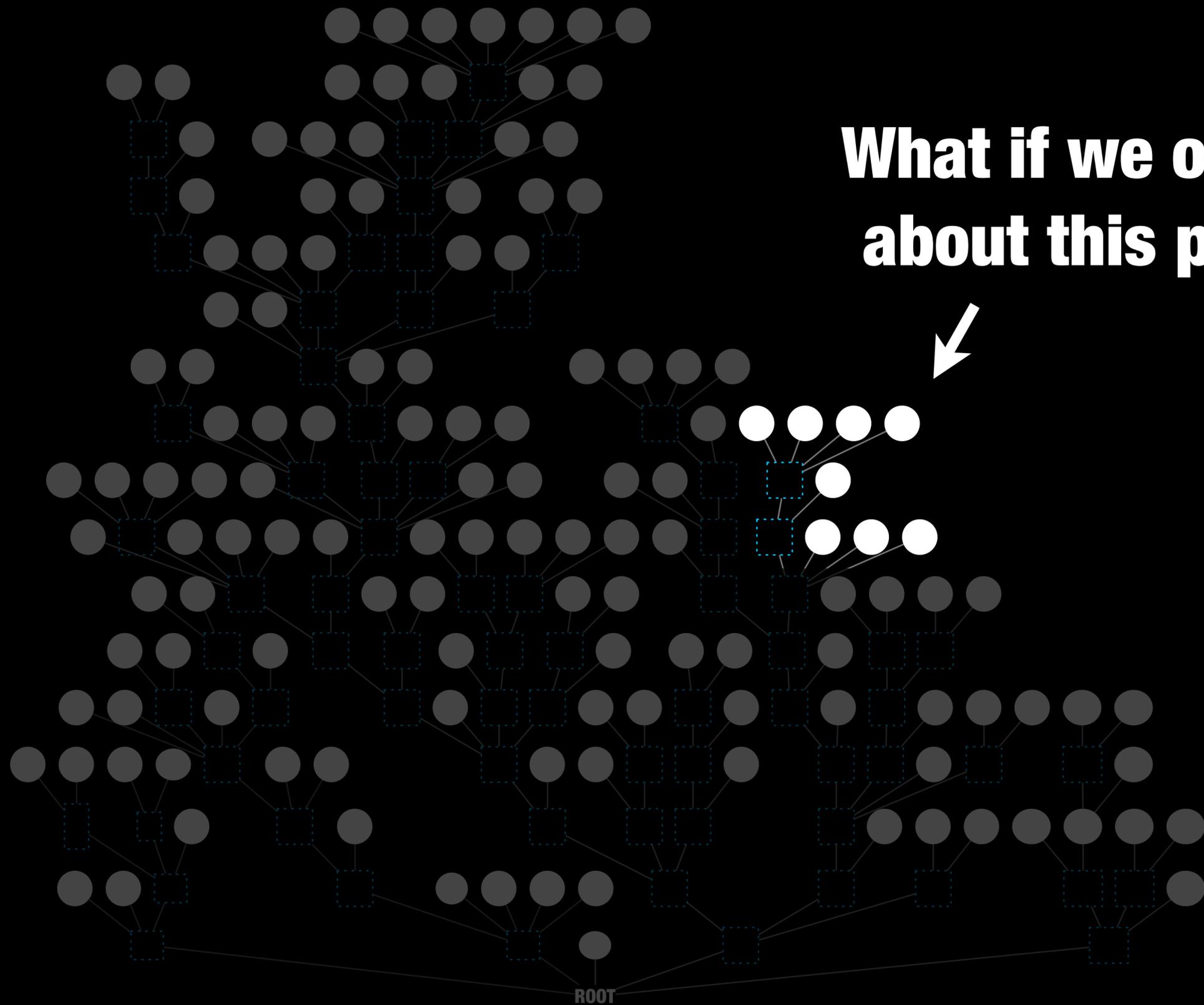
For example...











**What if we only care
about this portion?**



“Virtual Memory”

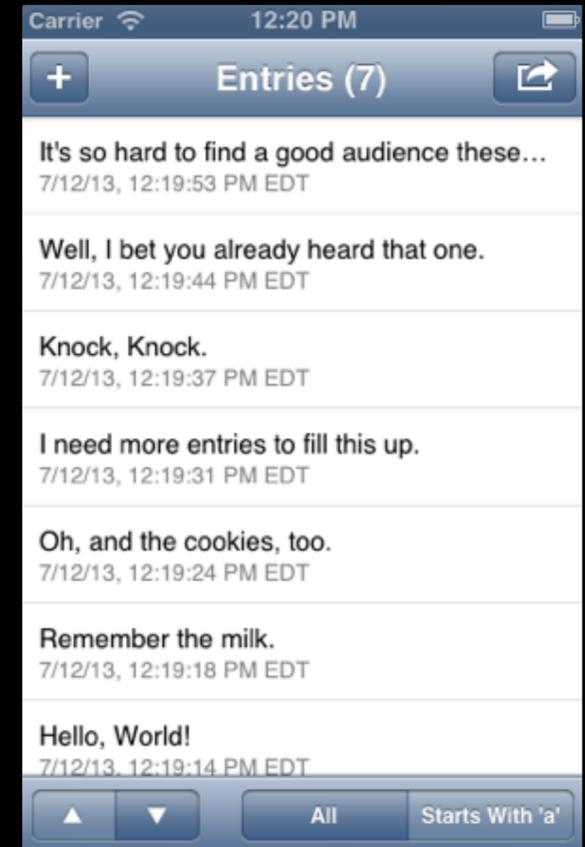
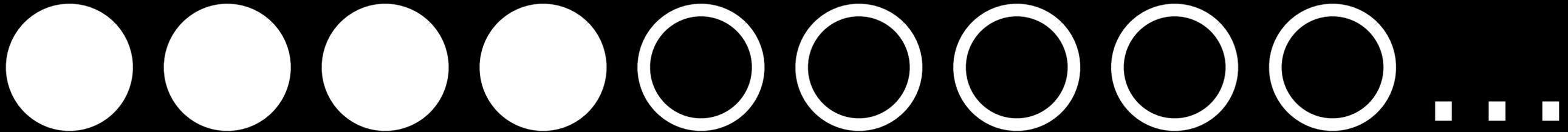


```
NSArray *results = [context executeFetchRequest:request ...];
```

```
// ...
```

```
JournalEntry *entry = results[3];  
cell.textLabel.text = entry.name;
```

Fault

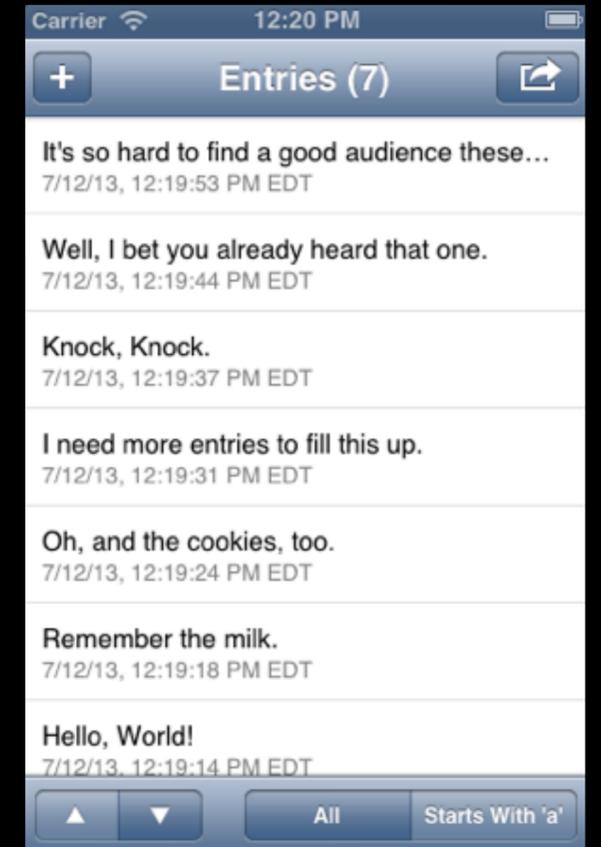
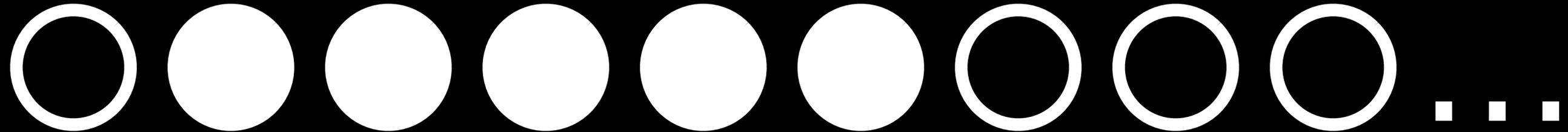


```
NSArray *results = [context executeFetchRequest:request ...];
```

```
// ...
```

```
JournalEntry *entry = results[3];  
cell.textLabel.text = entry.name;
```

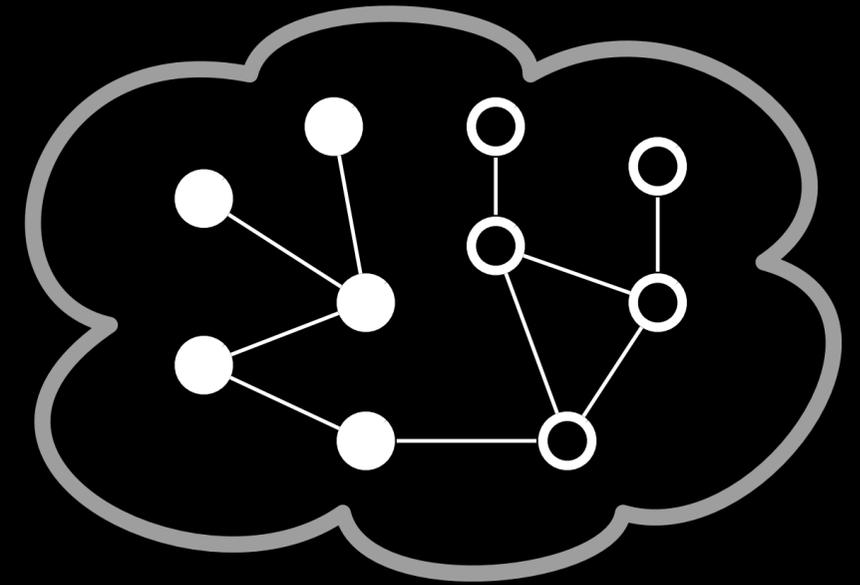
Fault



The



Context



Model



StoreCoordinator



(store)

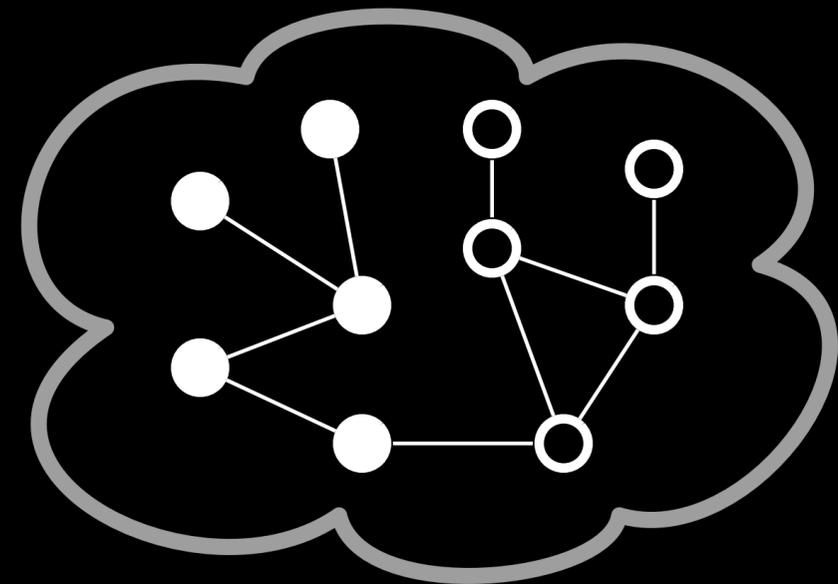
?

NSInMemoryStoreType

NSBinaryStoreType

NSSQLiteStoreType

PlistIncrementalStoreType



SAUSAGE...HOW IS IT MADE?



PlistIncrementalStore

Using A Custom Store

Life Cycle Of A Fetch Request

Validating And Saving Data

Notifying For Changes

[insert demo here]

Incremental Stores

Generate NSManagedObjectIDs

Interpret fetch request criteria

Save attributes to **whatever**

Load to NSIncrementalStoreNodes

Other Examples

AFIncrementalStore

github.com/AFNetworking/AFIncrementalStore

Secure Incremental Store

www.stoeger-it.de/en/secureincrementalstore

Zumero Incremental Store

<https://github.com/grasmeyer/ZumeroIncrementalStore>



Thanks!
(and please feedback)

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