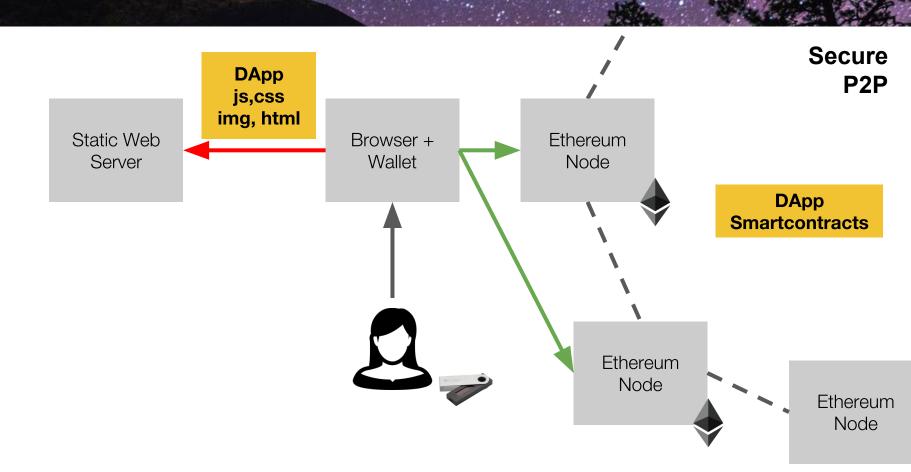
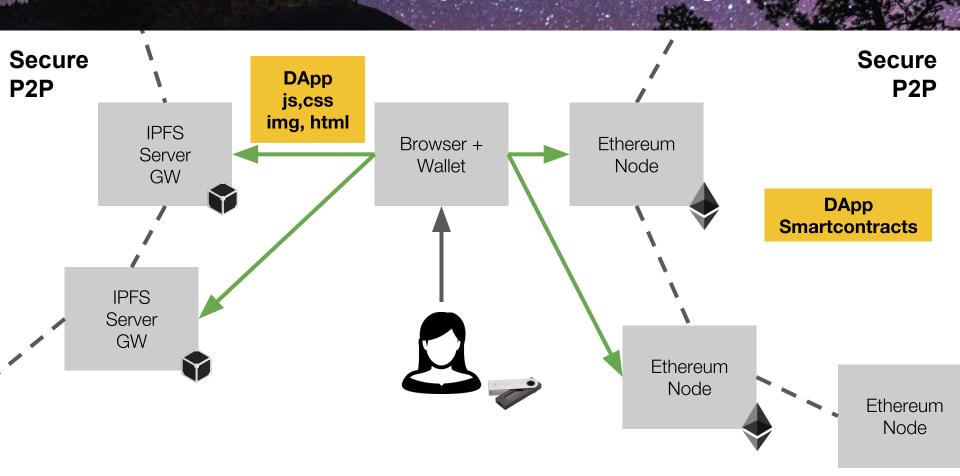
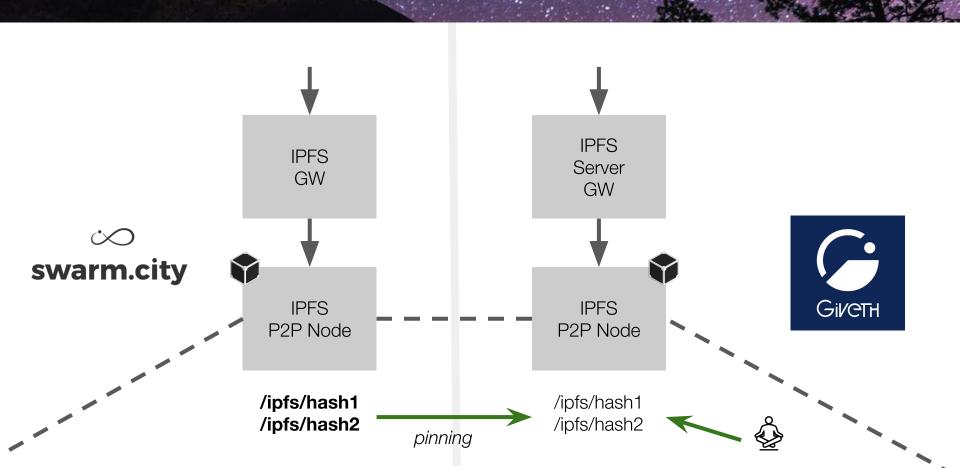


Why? P IPFS Pinning Consortium



Why? P IPFS Pinning Consortium



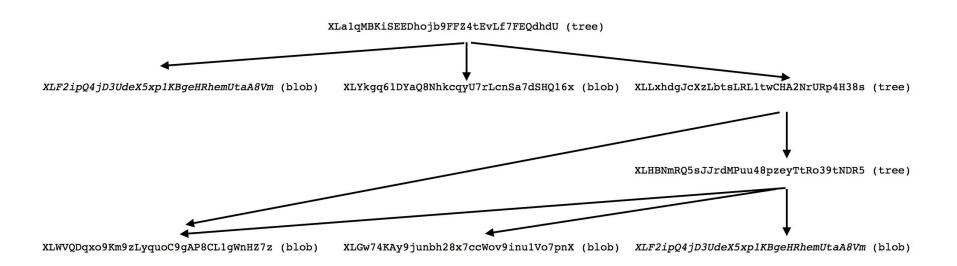


P2P distributed filesystem where files are addressed by their content (hash)

/ipfs/XLHBNmRQ5sJJrdMPuu48pzeyTtRo39tNDR5

```
type: blob
 "data": "c2Rhc2Rhc2RhUw0KREENCnNkYXMNCmZzZA0KZg0KY
  XNkZq0KYXMNCmRmDQphc2RmDQpzYWRmc2Zkc2ZzZGYNCnNhZA0
                                                                            sha1
  KZnNkDQpmcw0KZGYNCmFzZA0KZnNhDQpkZmENCnNkZq0KYXNkZ
                                                             XLYkqq61DYaQ8NhkcqyU7rLcnSa7dSHQ16x
  q0Kc2FkDQpmc2ENCmRmDQpzYWRmDQphc2QNCmZhcw0KZGZzZGY
  NCnNhZA0KZmENCnNkZ..."
  links: {}
type: tree
 "data": ["blob", "tree", "blob"],
 "links": [
   { "hash": "XLYkgq61DYaQ8NhkcqyU7rLcnSa7dSHQ16x",
     "name": "less", "size": 189458 },
                                                                          sha1
   { "hash": "XLHBNmRQ5sJJrdMPuu48pzeyTtRo39tNDR5",
                                                             XLGw74KAy9junbh28x7ccWov9inu1Vo7pnX
     "name": "script", "size": 19441 },
   { "hash": "XLWVQDqxo9Km9zLyquoC9qAP8CL1qWnHZ7z",
     "name": "template/icon.png", "size": 5286 }
/ipfs/XLGw74KAy9junbh28x7ccWov9inu1Vo7pnX/less (content+name)
/ipfs/XLHBNmRQ5sJJrdMPuu48pzeyTtRo39tNDR5 (only content)
```

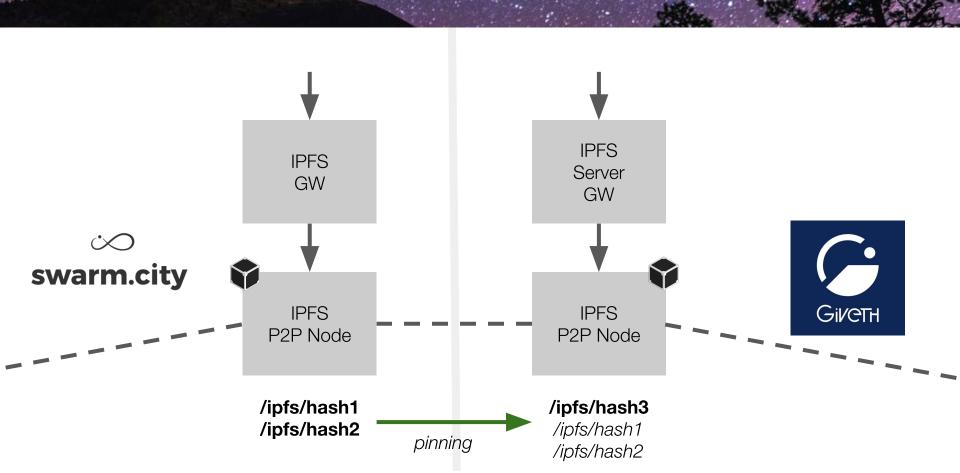
multihash : <function code><digest length><digest bytes>



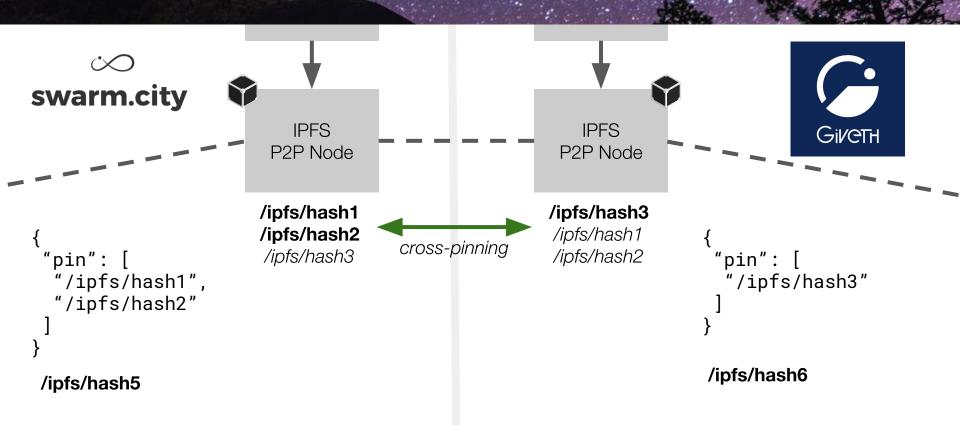


https://ipfs.io/ipfs/QmYwAPJzv5CZsnA625s3Xf2nemtYqPpHdWEz79ojWnPbdG/readme

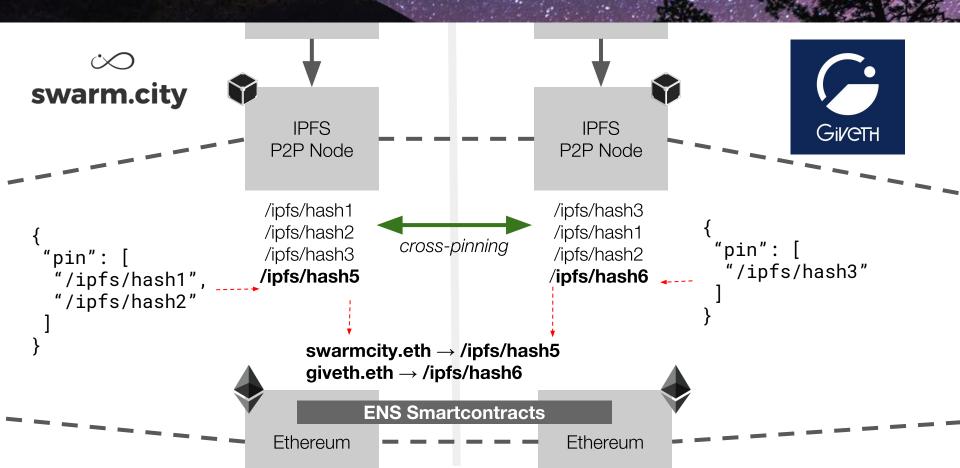
How it works 🤌 IPFS Pinning Consortium



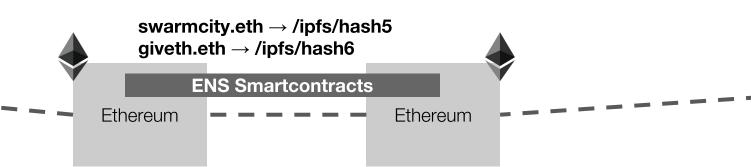
How it works 🥕 IPFS Pinning Consortium



How it works / IPFS Pinning Consortium



How it works 🤌 IPFS Pinning Consortium



ENS Root

0x314159265dd8db...

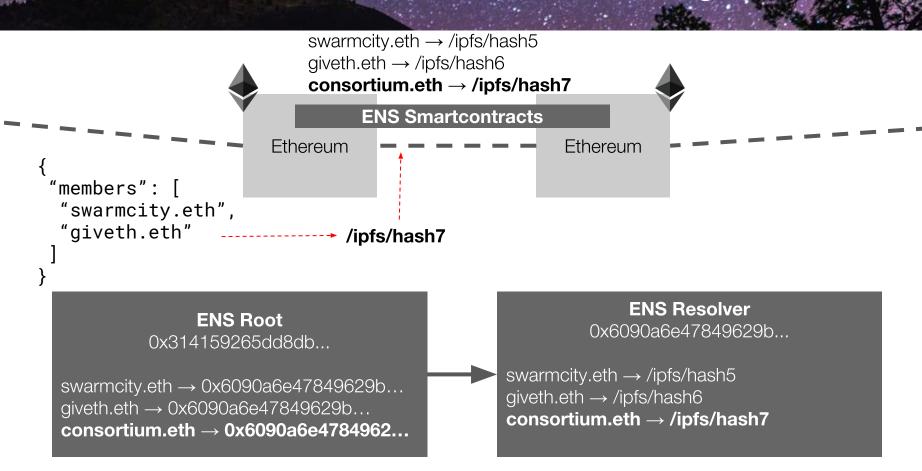
swarmcity.eth \rightarrow 0x6090a6e47849629b... giveth.eth \rightarrow 0x6090a6e47849629b...

ENS Resolver

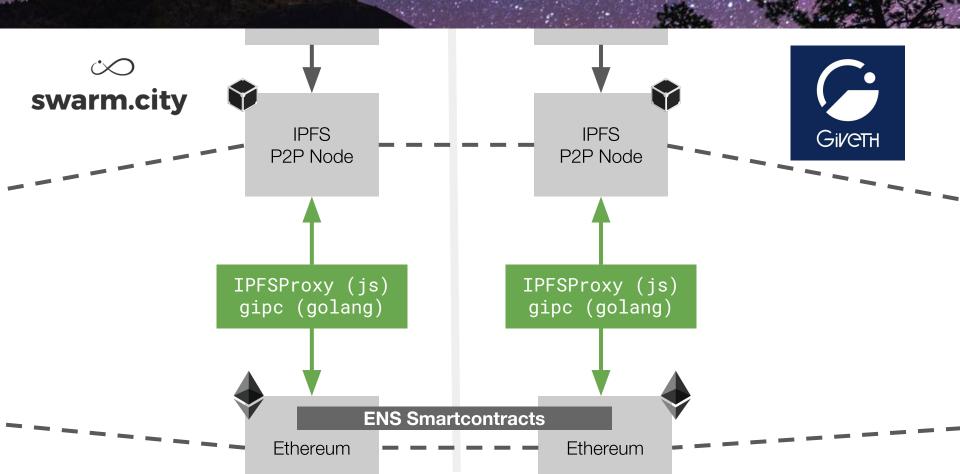
0x6090a6e47849629b...

swarmcity.eth \rightarrow /ipfs/hash5 giveth.eth \rightarrow /ipfs/hash6

How it works 🤌 IPFS Pinning Consortium



IPFSC clients P IPFS Pinning Consortium



gipc P IPFS Pinning Consortium

install golang <3
go get github.com/ipfsconsortium/gipc</pre>

NEXT STEPS Pinning Consortium



interop testsuite with js client

hashes from smartcontract events

eduardo, jordi & adrià @ giveth sponnet @ swarmcity

https://github.com/ipfsconsortium/gipc
IPFSconsortium

https://github.com/adriamb/slides/noncentralconf-ipfsc.pdf