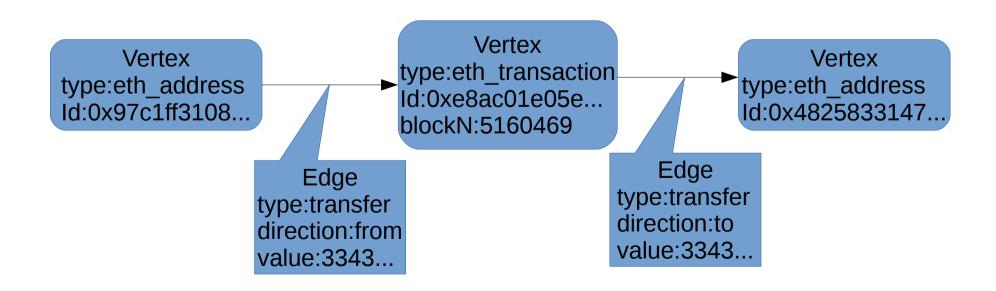


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19ac0097631a24b06e2f1a6e9143
sender=0xfdfed57e62f78c86d4b9dc7e8f77a2e0cf84dd51
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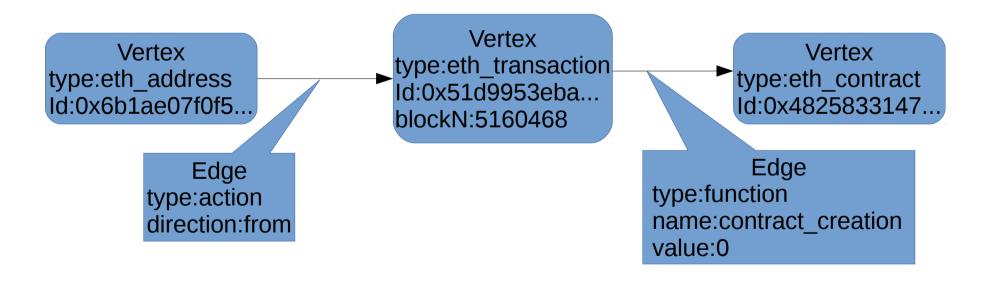
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value=0

blockNumber=5160468

action=contractCreation

contractAddress=0x52a9dab491ea706c6e94975a194b1b4499b9ffae



transactionID=0x51d9953eba16e7307b5d9166da0a11940a4123e296d3 35cdbea59578b01b1526

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value=0

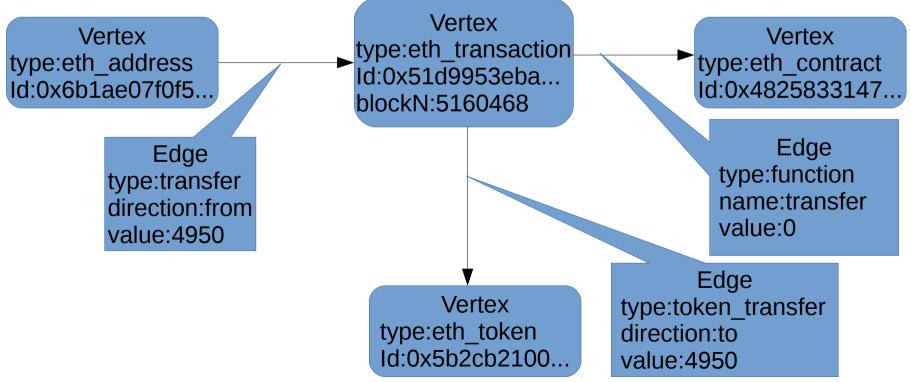
blockNumber=5160468

receiver=0x151202c9c18e495656f372281f493eb7698961d5

token_type=transfer

toToken=0x5b2cb21009bf8515b3e58676ebe5940d73a5c4b4

valueToken=4950



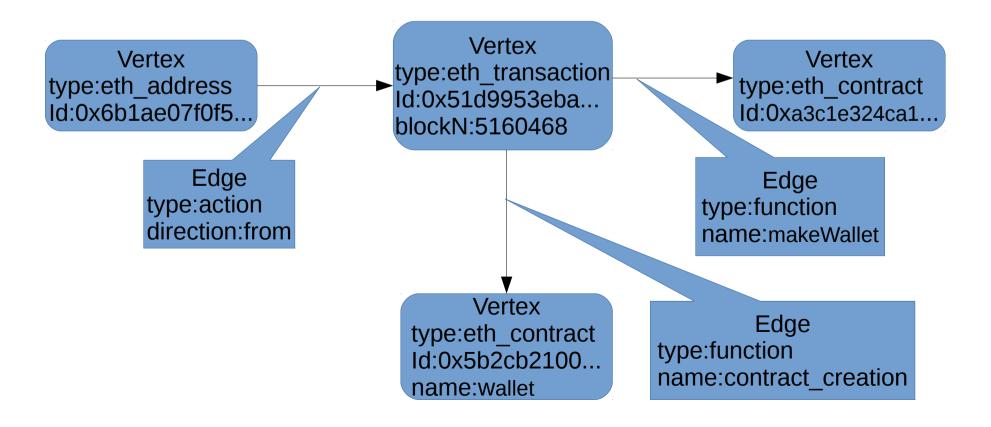
transactionID=0x60c481200da8f62d4e88a4f15490f601d93ae92a2a4fe25db9eadf5cdab39d65 sender=0x6cace0528324a8afc2b157ceba3cdd2a27c4e21f

value=0

blockNumber=5160468

contractAddress=0xa3c1e324ca1ce40db73ed6026c4a177f099b5770 walletAddress=0x3063aa230afe29e00c7dd08371f82d2027a44324

action=makeWallet



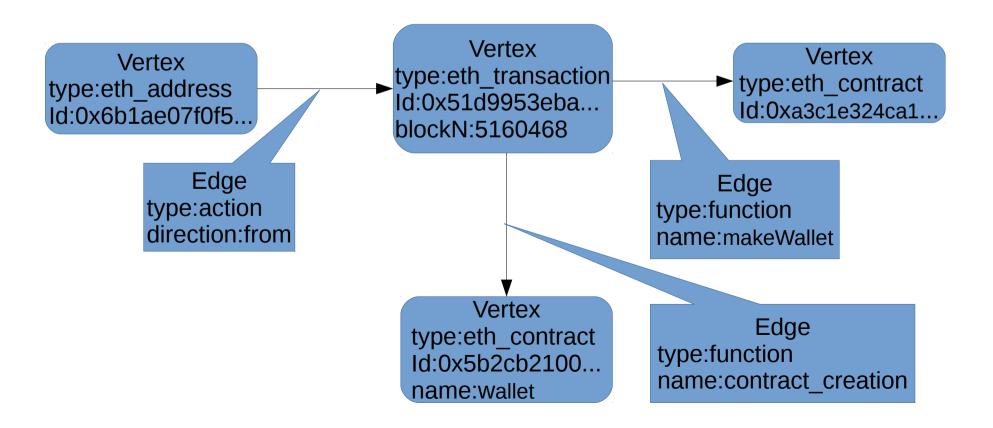
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value=0

blockNumber=5160468

contractAddress=0xa3c1e324ca1ce40db73ed6026c4a177f099b5770 walletAddress=0x3063aa230afe29e00c7dd08371f82d2027a44324

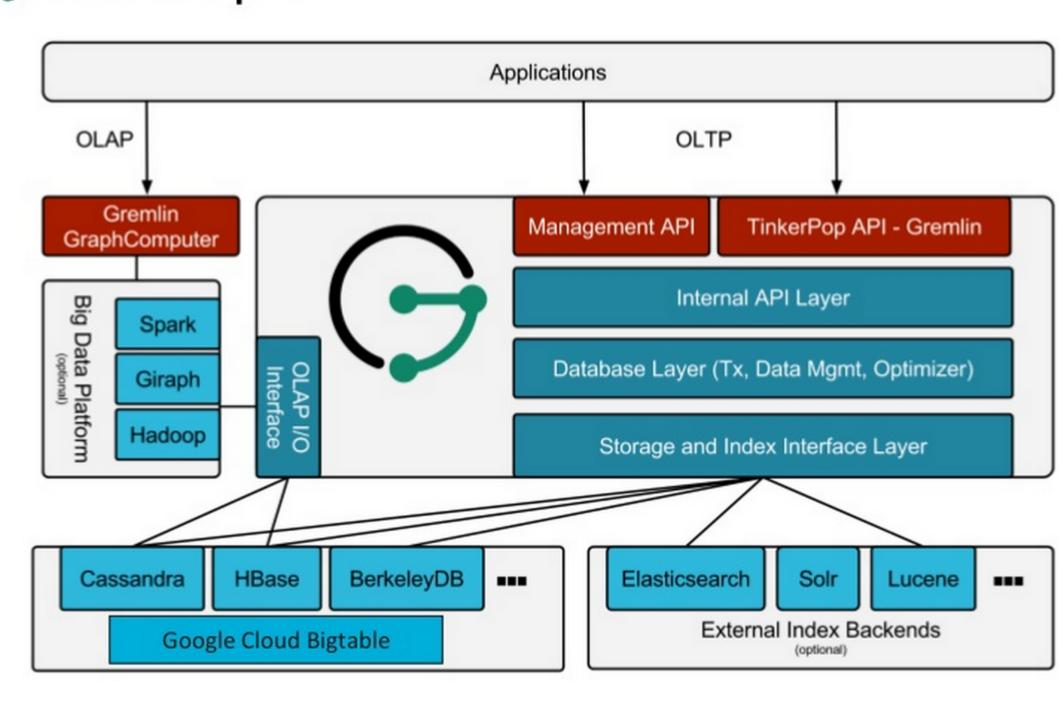
action=makeWallet





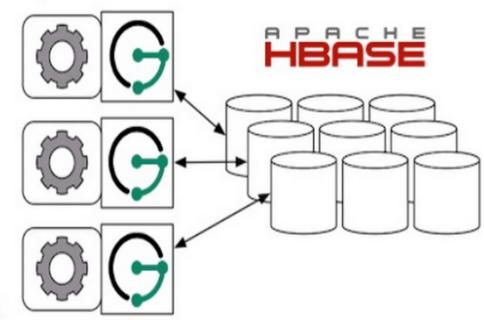
JanusGraph is a scalable graph database optimized for storing and querying graphs containing hundreds of billions of vertices and edges distributed across a multi-machine cluster. JanusGraph is a transactional database that can support thousands of concurrent users executing complex graph traversals in real time.

JanusGraph Architecture





- HBase Perfect Storage Backend for Janus Graph
 - ➤ Big enough for your biggest graph!
 - > The storage model
 - > Read and write speed
 - > Scalability and partitioning
 - ➤ Strong consistency
 - > Tight integration with Hadoop Ecosystem
 - ➤ Great open community!





- HBase Perfect Storage Backend for JanusGraph
 - Simple configuration!
 - conf/janusgraph-hbase-solr.properties
 - √ storage.backend=hbase
 - √ storage.hostname=zookeeper-host1,zookeeper-host2,zookeeper-host3
 - √ storage.hbase.table=janusgraph
 - √ storage.hbase.ext.zookeeper.znode.parent=/hbase
 - √ storage.hbase.ext.hbase.zookeeper.property.clientPort=2181
 - Optional Optional
 - Just open your graph!
 - graph=JanusGraphFactory.open('conf/janusgraph-hbase-solr.properties')

JanusGraph with HBase

- HBase Perfect Storage Backend for JanusGraph
 - > Throw in an Index Backend for better performance
 - conf/janusgraph-hbase-solr.properties
 - √ index.search.backend=solr
 - √ index.search.solr.mode=cloud
 - ✓ index.search.solr.zookeeper-url=zookeeper-host1:2181/solr,zookeeper-host2:2181/solr,zookeeper-host3:2181/solr
 - √ index.search.solr.configset=janusgraph

JanusGraph with HBase

HBase – Perfect Storage Backend for JanusGraph

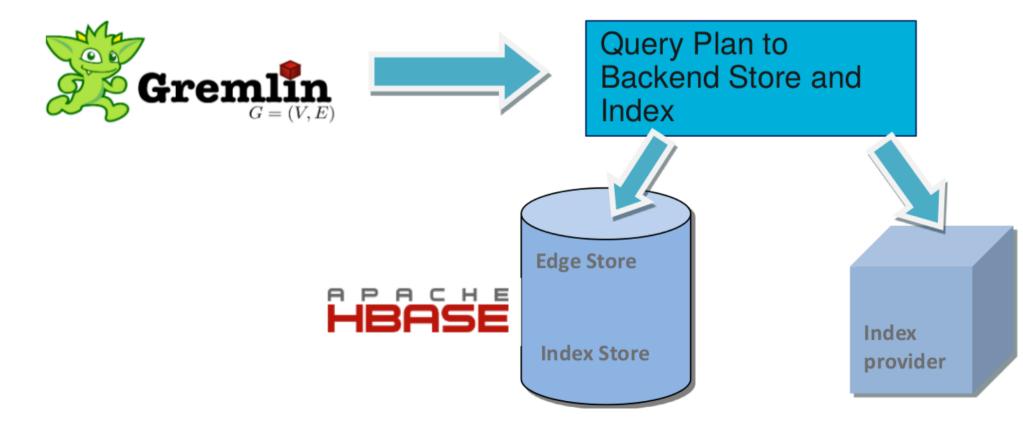
Look into more details

- Stores to Column Families
- ✓ Edge store → e
- ✓ Index store → g
- ✓ ID store → i
- ✓ Transaction log store → I
- ✓ System property store → s
- CF attributes can be set. E.g. compression, TTL.

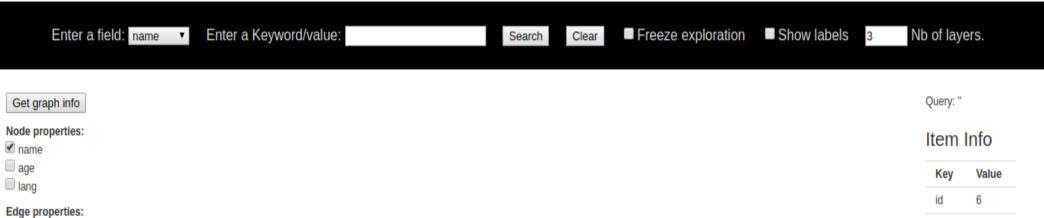


- HBase Perfect Storage Backend for JanusGraph
 - > Look into more details

g.V().has("name", "Alice").out("knows").out("knows").values("name")



Graphexp

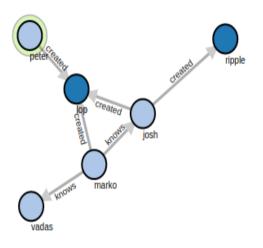


Graph Info

Node color by: label ▼

weight

Туре	Count
Node labels	
software	2
person	4
Nodes properties	
[name, age]	4
[name, lang]	2
Edge labels	
created	4
knows	2
Edge properties	
[weight]	6



Key	Value		
id	6		
label	person		
Key	Value	ld	
name	Value peter	11	
•			

Twitter API

https://blog.twitter.com/official/en_us/a/2017/full-archive-search-api.html

