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C:\Pyrrho0870\Pyrrho>pyrrhocmd sfs001
QL> create type legalentity as(name string,isBlocked boolean,createtime timestamp,country string,city string) nodetype
QL> create type person under legalentity as (id int,gender string,birthday timestamp) primary key(id)
QL> create type company under legalentity as(cid int,business string,description string,url string) primary key(cid)
QL> create type actbase as(createtime timestamp,accttype string) nodetype
QL> alter table actbase add balance float64 default 0.0
No data
QL> create type account under actbase as(id int,isBlocked boolean,nickname string,phonenummer string,email string,freqlogintype string,lastlogintime timestamp,acctlevel string) primary key(id)
QL> create type loan under actbase as (lid int,loanAmt float64,interest float32) primary key(lid)
QL> create type medium as(id int,type string,isblocked boolean,createtime timestamp,lastlogin timestamp,risklevel string) nodetype primary key(id)
QL> create type apply as (createTime timestamp,organization string) edgetype(legalentity,loan)
QL> create type personapplyloan under apply edgetype(person,loan)
QL> create type companyapplyloan under apply edgetype(company,loan)
QL> create type guarantee as (createTime timestamp,relationship string) edgetype(legalentity,legalentity)
QL> create type personguaranteeperson under guarantee edgetype(person,person)
QL> create type invest as (ratio float64,createTime timestamp) edgetype(legalentity,legalentity)
QL> create type personinvestcompany under invest edgetype(person,company)
QL> create type owns as (createTime timestamp) edgetype(legalentity,actbase)
QL> create type personownsaccount under owns edgetype(person,account)
QL> create type activatedfor as (createTime timestamp,location string) edgetype(medium,account)
QL> create type transfer as(amount float64,createTime timestamp,orderNumber int,comment string,payType string,goodsType string) edgetype(from actbase with activatedfor optional to actbase)
QL> create type accountrepayloan under transfer edgetype(from account with activatedfor optional to loan)
QL> create type accounttransferaccount under transfer edgetype(from account with activatedfor optional to account)
QL> create type companyguaranteecompany under guarantee edgetype(company,company)
QL> create type companyinvestcompany under invest edgetype(company,company)
QL> create type companyownsaccount under owns edgetype(company,account)
QL> create type loandepositaccount under transfer edgetype(from loan with activatedfor optional to account)
QL> [create trigger fixbals after insert on transfer referencing new as tr for each row
> { match (t)<-[tr]-(f)
> { set f.balance=f.balance-tr.amount; set t.balance=t.balance+tr.amount;
> match (f)<-[a:activatedfor]-(C); order by a.createtime desc limit 1; insert [tr]-(a) }} ]
QL> [create trigger signin after insert on activatedfor referencing new as af for each row
> match (m:medium)-[af]->(a:account) { set m.lastlogin = af.createtime; set a.lastlogintime = af.createtime }}
QL>
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QL> select current_time
CURRENT_TIME
739477.08:34:14.84710777
QL> fetch (select cast(tbl as identity) as tid,record(tbl,pos) as doc from ctor) for 'sfs001' first 'set referencing' do 'insert into $TID $DOC'
No data
QL> select current_time
CURRENT_TIME
739477.10:38:25.7365185
QL>
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QL> table "Role$Table"

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Pos	Name	Columns	Rows	Triggers	CheckConstraints	RowId	LastData
23	LEGALENTITY	5	1171	0	0	LEGALENTITY	7077739
211	PERSON	8	785	0	0	PERSON	7077739
365	COMPANY	9	386	0	0	COMPANY	6593879
552	ACTBASE	3	2431	0	0	ACTBASE	7241187
714	ACCOUNT	11	2855	0	0	ACCOUNT	7241187
1041	LOAN	6	1376	0	0	LOAN	7236709
1195	MEDIUM	6	978	0	0	MEDIUM	7236868
1447	APPLY	4	1376	0	0	APPLY	7235901
1664	PERSONAPPLYLOAN	4	927	0	0	PERSONAPPLYLOAN	7235901
1777	COMPANYAPPLYLOAN	4	449	0	0	COMPANYAPPLYLOAN	7152316
1893	GUARANTEE	4	579	0	0	GUARANTEE	7185526
2113	PERSONGUARANTEEPERSON	4	377	0	0	PERSONGUARANTEEPERSON	7185526
2240	INVEST	4	1983	0	0	INVEST	7232768
2451	PERSONINVESTCOMPANY	4	1304	0	0	PERSONINVESTCOMPANY	7232768
2575	OWNS	3	2855	0	0	OWNS	7234702
2756	PERSONOWNSACCOUNT	3	1384	0	0	PERSONOWNSACCOUNT	7234702
2876	ACTIVATEDFOR	4	2489	1	0	ACTIVATEDFOR	7236791
3097	TRANSFER	9	22819	1	0	TRANSFER	7240832
3498	ACCOUNTREPAYLOAN	9	2747	1	0	ACCOUNTREPAYLOAN	7235971
3649	ACCOUNTTRANSFERACCOUNT	9	17314	1	0	ACCOUNTTRANSFERACCOUNT	7240832
3815	COMPANYGUARANTEECOMPANY	4	202	0	0	COMPANYGUARANTEECOMPANY	7176673
3948	COMPANYINVESTCOMPANY	4	679	0	0	COMPANYINVESTCOMPANY	7226496
4075	COMPANYOWNSACCOUNT	3	671	0	0	COMPANYOWNSACCOUNT	7212715
4198	LOANDEPOSITACCOUNT	9	2758	1	0	LOANDEPOSITACCOUNT	7236627

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QL> select count(*),count("WITH1") from transfer
COUNT|Col1
22819|13948

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