Insert Statements

ecommerce\_application=# \d user\_type

Table "public.user\_type"

Column | Type | Modifiers

--------+---------+-----------

id | id\_type | not null

name | text | not null

Indexes:

"user\_type\_pkey" PRIMARY KEY, btree (id)

"my\_unique\_constraint\_user\_type" UNIQUE CONSTRAINT, btree (id)

Referenced by:

TABLE "users" CONSTRAINT "users\_user\_type\_id\_fkey" FOREIGN KEY (user\_type\_id) REFERENCES user\_type(id)

ecommerce\_application=# insert into user\_type values ('usertype01','buyer');

INSERT 0 1

ecommerce\_application=# insert into user\_type values ('usertype02','inventory manager');

INSERT 0 1

ecommerce\_application=# select \* from user\_type;

id | name

------------+-------------------

usertype01 | buyer

usertype02 | inventory manager

(2 rows)

ecommerce\_application=# \d products

Table "public.products"

Column | Type | Modifiers

--------+---------+-----------

id | id\_type | not null

name | text | not null

Indexes:

"products\_pkey" PRIMARY KEY, btree (id)

"my\_unique\_constraint\_products" UNIQUE CONSTRAINT, btree (id)

Referenced by:

TABLE "order\_product\_list" CONSTRAINT "order\_product\_list\_product\_id\_fkey" FOREIGN KEY (product\_id) REFERENCES products(id)

TABLE "product\_price\_and\_color" CONSTRAINT "product\_price\_and\_color\_product\_id\_fkey" FOREIGN KEY (product\_id) REFERENCES products(id)

ecommerce\_application=# insert into products values ('product01','product 1');

INSERT 0 1

ecommerce\_application=# insert into products values ('product02','product 2');

INSERT 0 1

ecommerce\_application=# insert into products values ('product03','product 3');

INSERT 0 1

ecommerce\_application=# insert into products values ('product04','product 4');

INSERT 0 1

ecommerce\_application=# insert into products values ('product05','product 5');

INSERT 0 1

ecommerce\_application=# select \* from products;

id | name

-----------+-----------

product01 | product 1

product02 | product 2

product03 | product 3

product04 | product 4

product05 | product 5

(5 rows)

ecommerce\_application=# \d discount\_coupons

Table "public.discount\_coupons"

Column | Type | Modifiers

--------+---------+-----------

id | id\_type | not null

type | text | not null

name | text | not null

Indexes:

"discount\_coupons\_pkey" PRIMARY KEY, btree (id)

"my\_unique\_constraint\_discount\_coupons" UNIQUE CONSTRAINT, btree (id)

Referenced by:

TABLE "payment" CONSTRAINT "payment\_discount\_id\_fkey" FOREIGN KEY (discount\_id) REFERENCES discount\_coupons(id)

ecommerce\_application=# insert into discount\_coupons values ('discount01','type 1','discount coupon 1');

INSERT 0 1

ecommerce\_application=# insert into discount\_coupons values ('discount02','type 2','discount coupon 2');

INSERT 0 1

ecommerce\_application=# insert into discount\_coupons values ('discount03','type 3','discount coupon 3');

INSERT 0 1

ecommerce\_application=# insert into discount\_coupons values ('discount04','type 4','discount coupon 4');

INSERT 0 1

ecommerce\_application=# insert into discount\_coupons values ('discount05','type 5','discount coupon 5');

INSERT 0 1

ecommerce\_application=# select \* from discount\_coupons;

id | type | name

------------+--------+-------------------

discount01 | type 1 | discount coupon 1

discount02 | type 2 | discount coupon 2

discount03 | type 3 | discount coupon 3

discount04 | type 4 | discount coupon 4

discount05 | type 5 | discount coupon 5

(5 rows)

ecommerce\_application=# insert into product\_price\_and\_color values ('pricecol01',11,'color 1','product01');

INSERT 0 1

ecommerce\_application=# insert into product\_price\_and\_color values ('pricecol02',12,'color 2','product01');

INSERT 0 1

ecommerce\_application=# insert into product\_price\_and\_color values ('pricecol03',21,'color 1','product02');

INSERT 0 1

ecommerce\_application=# insert into product\_price\_and\_color values ('pricecol04',23,'color 3','product02');

INSERT 0 1

ecommerce\_application=# insert into product\_price\_and\_color values ('pricecol05',33,'color 2','product03');

INSERT 0 1

ecommerce\_application=# insert into product\_price\_and\_color values ('pricecol06',14,'color 3','product04');

INSERT 0 1

ecommerce\_application=# insert into product\_price\_and\_color values ('pricecol07',12,'color 1','product05');

INSERT 0 1

ecommerce\_application=# select \* from product\_price\_and\_color; id | price | color | product\_id

------------+-------+---------+------------

pricecol01 | 11 | color 1 | product01

pricecol02 | 12 | color 2 | product01

pricecol03 | 21 | color 1 | product02

pricecol04 | 23 | color 3 | product02

pricecol05 | 33 | color 2 | product03

pricecol06 | 14 | color 3 | product04

pricecol07 | 12 | color 1 | product05

(7 rows)

ecommerce\_application=# insert into users values ('users001','name 1','email 1','passwd01','usertype01');

INSERT 0 1

ecommerce\_application=# insert into users values ('users002','name 2','email 2','passwd02','usertype02');

INSERT 0 1

ecommerce\_application=# insert into users values ('users003','name 3','email 3','passwd03','usertype01');

INSERT 0 1

ecommerce\_application=# insert into users values ('users004','name 4','email 4','passwd04','usertype02');

INSERT 0 1

ecommerce\_application=# insert into users values ('users005','name 5','email 5','passwd05','usertype01');

INSERT 0 1

ecommerce\_application=# select \* from users;

id | name | email | passwd | user\_type\_id

----------+--------+---------+----------+--------------

users001 | name 1 | email 1 | passwd01 | usertype01

users002 | name 2 | email 2 | passwd02 | usertype02

users003 | name 3 | email 3 | passwd03 | usertype01

users004 | name 4 | email 4 | passwd04 | usertype02

users005 | name 5 | email 5 | passwd05 | usertype01

(5 rows)

ecommerce\_application=# alter table orders alter date set default now();

ALTER TABLE

ecommerce\_application=# insert into orders(id,total\_cost,user\_id) values ('orders01',44,'users001');

INSERT 0 1

ecommerce\_application=# insert into orders(id,total\_cost,user\_id) values ('orders02',70,'users002');

INSERT 0 1

ecommerce\_application=# insert into orders(id,total\_cost,user\_id) values ('orders03',35,'users003');

INSERT 0 1

ecommerce\_application=# insert into orders(id,total\_cost,user\_id) values ('orders04',77,'users004');

INSERT 0 1

ecommerce\_application=# insert into orders(id,total\_cost,user\_id) values ('orders05',37,'users005');

INSERT 0 1

ecommerce\_application=# select \* from orders; id | total\_cost | date | user\_id

----------+------------+----------------------------+----------

orders01 | 44 | 2016-08-16 15:59:36.342345 | users001

orders02 | 70 | 2016-08-16 16:00:09.022527 | users002

orders03 | 35 | 2016-08-16 16:00:23.646341 | users003

orders04 | 77 | 2016-08-16 16:00:30.534408 | users004

orders05 | 37 | 2016-08-16 16:00:37.614353 | users005

(5 rows)

ecommerce\_application=# insert into order\_product\_list values ('orderp01','product01','orders01','color 1');

INSERT 0 1

ecommerce\_application=# insert into order\_product\_list values ('orderp02','product01','orders01','color 2');

INSERT 0 1

ecommerce\_application=# insert into order\_product\_list values ('orderp03','product02','orders01','color 1');

INSERT 0 1

ecommerce\_application=# insert into order\_product\_list values ('orderp04','product02','orders02','color 3');

INSERT 0 1

ecommerce\_application=# insert into order\_product\_list values ('orderp05','product03','orders02','color 2');

INSERT 0 1

ecommerce\_application=# insert into order\_product\_list values ('orderp06','product04','orders02','color 3');

INSERT 0 1

ecommerce\_application=# insert into order\_product\_list values ('orderp07','product05','orders03','color 1');

INSERT 0 1

ecommerce\_application=# insert into order\_product\_list values ('orderp08','product01','orders03','color 1');

INSERT 0 1

ecommerce\_application=# insert into order\_product\_list values ('orderp09','product01','orders03','color 2');

INSERT 0 1

ecommerce\_application=# insert into order\_product\_list values ('orderp10','product02','orders04','color 1');

INSERT 0 1

ecommerce\_application=# insert into order\_product\_list values ('orderp11','product02','orders04','color 3');

INSERT 0 1

ecommerce\_application=# insert into order\_product\_list values ('orderp12','product03','orders04','color 2');

INSERT 0 1

ecommerce\_application=# insert into order\_product\_list values ('orderp13','product04','orders05','color 3');

INSERT 0 1

ecommerce\_application=# insert into order\_product\_list values ('orderp14','product05','orders05','color 1');

INSERT 0 1

ecommerce\_application=# insert into order\_product\_list values ('orderp15','product01','orders05','color 1');

INSERT 0 1

ecommerce\_application-# ;

id | product\_id | order\_id | color

----------+------------+----------+---------

orderp01 | product01 | orders01 | color 1

orderp02 | product01 | orders01 | color 2

orderp03 | product02 | orders01 | color 1

orderp04 | product02 | orders02 | color 3

orderp05 | product03 | orders02 | color 2

orderp06 | product04 | orders02 | color 3

orderp07 | product05 | orders03 | color 1

orderp08 | product01 | orders03 | color 1

orderp09 | product01 | orders03 | color 2

orderp10 | product02 | orders04 | color 1

orderp11 | product02 | orders04 | color 3

orderp12 | product03 | orders04 | color 2

orderp13 | product04 | orders05 | color 3

orderp14 | product05 | orders05 | color 1

orderp15 | product01 | orders05 | color 1

(15 rows)

ecommerce\_application=# create function payment\_function(p\_id id\_type,o\_id id\_type,m text,d\_id id\_type,s text) returns void as $$

BEGIN

perform id from payment as p where p.order\_id=o\_id;

IF FOUND then

update payment set status = s,order\_id = o\_id,discount\_id=d\_id,method=m,date=now();

else

insert into payment values(p\_id,s,m,now(),d\_id,o\_id);

end if;

end; $$

language plpgsql;

CREATE FUNCTION

ecommerce\_application=# select payment\_function('payment01','orders01','netbanking','discount01','payed');

payment\_function

------------------

(1 row)

ecommerce\_application=# select \* from payment ;

ecommerce\_application=# select \* from payment ;

id | status | method | date | discount\_id | order\_id

-----------+--------+------------+----------------------------+-------------+----------

payment01 | payed | netbanking | 2016-08-16 16:42:41.029417 | discount01 | orders01

(1 row)

ecommerce\_application=# select payment\_function('payment02','orders02','credit card','discount02','pending');

payment\_function

------------------

(1 row)

ecommerce\_application=# select \* from payment ;

id | status | method | date | discount\_id | order\_id

-----------+---------+-------------+----------------------------+-------------+----------

payment01 | payed | netbanking | 2016-08-16 16:46:23.867941 | discount01 | orders01

payment02 | pending | credit card | 2016-08-16 16:46:52.643842 | discount02 | orders02

(2 rows)

ecommerce\_application=# select payment\_function('payment03','orders03','null','discount03','not payed');

payment\_function

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(1 row)

ecommerce\_application=# select \* from payment ;

id | status | method | date | discount\_id | order\_id

-----------+-----------+-------------+----------------------------+-------------+----------

payment01 | payed | netbanking | 2016-08-16 16:46:23.867941 | discount01 | orders01

payment02 | pending | credit card | 2016-08-16 16:46:52.643842 | discount02 | orders02

payment03 | not payed | null | 2016-08-16 16:47:46.811373 | discount03 | orders03

(3 rows)

ecommerce\_application=# select payment\_function('payment04','orders04','offline','discount03','payed');

payment\_function

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(1 row)

ecommerce\_application=# select payment\_function('payment05','orders05','netbanking','discount05','payed');

payment\_function

------------------

(1 row)

ecommerce\_application=# s