/\* Purpose: demonstration of create table, constraints, sequence

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select \* from v$version;

CREATE TABLE my\_cat

( cat\_id NUMBER PRIMARY KEY

, cat\_name VARCHAR2(20) NOT NULL

, cat\_kennel CHAR(6) UNIQUE

, cat\_color VARCHAR2(10) constraint ccoler\_ck check (cat\_color in ('black', 'brown'))

, friendly VARCHAR2(10) constraint friendly\_ck check (friendly in ('Yes','No', 'Kids OK' ))

);

CREATE TABLE cat\_events

( event\_id NUMBER primary key

, event\_type VARCHAR2(20) not null

, event\_description CLOB

, event\_date Date

);

CREATE TABLE my\_cat\_events

( mce\_id NUMBER

, event\_id NUMBER

, cat\_id NUMBER

, constraint mce\_id\_pk primary key (mce\_id)

, constraint ce\_id\_fk foreign key (event\_id) references cat\_events(event\_id)

, constraint c\_id\_fk foreign key (cat\_id) references my\_cat (cat\_id)

);

SELECT \*

FROM USER\_TABLES

WHERE table\_name in ('CAT\_EVENTS', 'MY\_CAT\_EVENTS','MY\_CAT' );

SELECT \*

FROM USER\_INDEXES

WHERE table\_name in ('CAT\_EVENTS', 'MY\_CAT\_EVENTS','MY\_CAT' );

SELECT \*

FROM user\_constraints

WHERE table\_name in ('CAT\_EVENTS', 'MY\_CAT\_EVENTS','MY\_CAT' )

ORDER BY table\_name;

SELECT \*

FROM user\_cons\_columns

WHERE table\_name in ('CAT\_EVENTS', 'MY\_CAT\_EVENTS','MY\_CAT' )

ORDER BY table\_name;

create sequence cat\_id\_seq;

create sequence event\_id\_seq;

create sequence mce\_id\_seq;

select cat\_id\_seq.nextval from dual;

select event\_id\_seq.nextval from dual;

select mce\_id\_seq.nextval from dual;