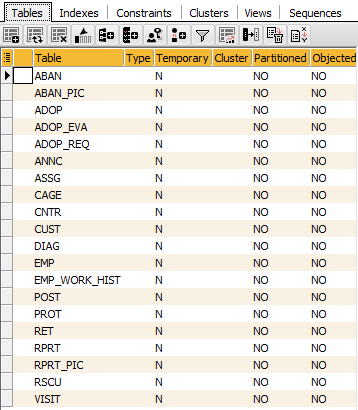
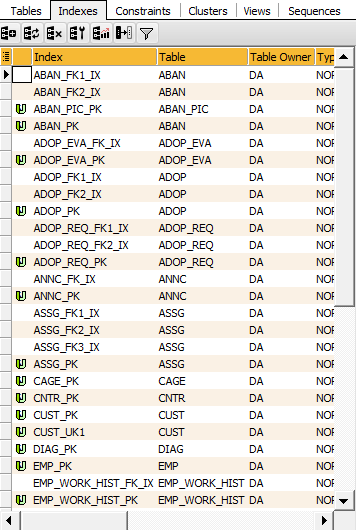
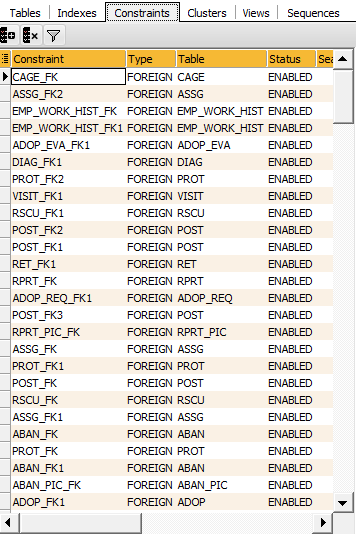
테이블 목록



인덱스 목록



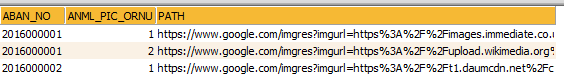
제약조건 목록



Aban(유기동물)



Aban\_pic(유기동물사진)



Adop(입양)



Adop\_eva(입양심사)



Adop\_req(입양신청)



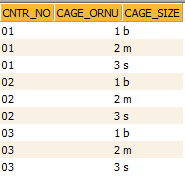
Annc(공고)



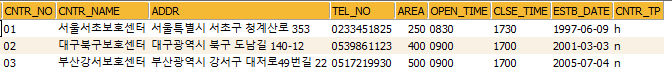
Assg(배정)



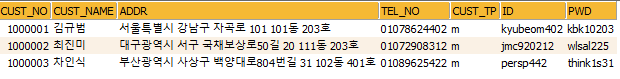
Cage(케이지)



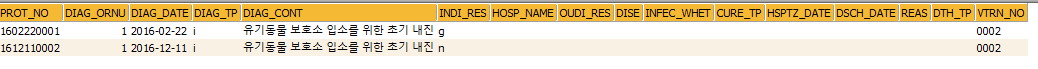
Cntr(센터)



cust(고객)



Diag(진료)



Emp(직원)



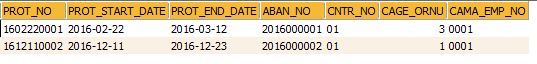
Emp\_work\_hist(직원근무이력)



Post(게시글)



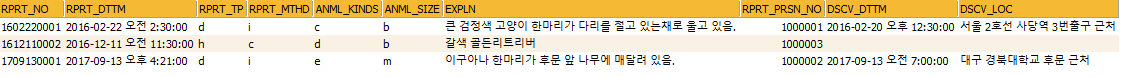
Prot(보호)



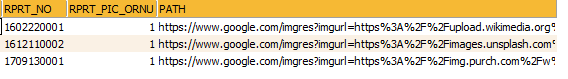
Ret(반환)



rprt(신고)



rprt\_pic(신고사진)



rscu(구조)



visit(방문)



<테이블 스페이스 생성 sql>

CREATE TABLESPACE DATA\_SPACE

DATAFILE 'C:\PRODUCT\_ORDER\_SYSTEM\DB\DATAFILE.DBF' SIZE 50M

AUTOEXTEND ON NEXT 1M MAXSIZE UNLIMITED

EXTENT MANAGEMENT LOCAL

BLOCKSIZE 8K

ONLINE LOGGING

SEGMENT SPACE MANAGEMENT AUTO;

CREATE TABLESPACE INDEX\_SPACE

DATAFILE 'C:\PRODUCT\_ORDER\_SYSTEM\DB\INDEXFILE.DBF' SIZE 50M

AUTOEXTEND ON NEXT 1M MAXSIZE UNLIMITED

EXTENT MANAGEMENT LOCAL

BLOCKSIZE 8K

ONLINE LOGGING

SEGMENT SPACE MANAGEMENT AUTO;

<테이블 생성 sql>

CREATE TABLE cntr

(

cntr\_no VARCHAR2(2) NOT NULL ,

cntr\_name VARCHAR2(15) NOT NULL ,

addr VARCHAR2(50) NOT NULL ,

tel\_no VARCHAR2(11) NOT NULL ,

area NUMBER(4) NOT NULL ,

open\_time CHAR(4) NOT NULL ,

clse\_time CHAR(4) NOT NULL ,

estb\_date DATE NOT NULL ,

cntr\_tp CHAR(1) NOT NULL

)

TABLESPACE DATA\_SPACE;

COMMENT ON COLUMN cntr.cntr\_no IS '센터번호';

COMMENT ON COLUMN cntr.cntr\_name IS '센터명';

COMMENT ON COLUMN cntr.addr IS '주소';

COMMENT ON COLUMN cntr.tel\_no IS '전화번호';

COMMENT ON COLUMN cntr.area IS '면적';

COMMENT ON COLUMN cntr.open\_time IS '오픈시간';

COMMENT ON COLUMN cntr.clse\_time IS '마감시간';

COMMENT ON COLUMN cntr.estb\_date IS '설립일자';

COMMENT ON COLUMN cntr.cntr\_tp IS '센터구분';

COMMENT ON TABLE cntr IS '센터';

CREATE UNIQUE INDEX cntr\_PK ON cntr

( cntr\_no )

TABLESPACE INDEX\_SPACE

;

ALTER TABLE cntr

ADD CONSTRAINT cntr\_PK PRIMARY KEY ( cntr\_no )

USING INDEX cntr\_PK;

ALTER TABLE cntr

ADD CONSTRAINT cntr\_CK CHECK ( cntr\_tp IN ('h','n') );

--센터

CREATE TABLE emp

(

emp\_no CHAR(4) NOT NULL ,

emp\_name VARCHAR2(10) NOT NULL ,

brth\_year\_mnth\_day DATE NOT NULL ,

addr VARCHAR2(50) NOT NULL ,

sex CHAR(1) NOT NULL ,

tel\_no VARCHAR2(11) NOT NULL ,

pwd VARCHAR2(10) NOT NULL

);

COMMENT ON COLUMN emp.emp\_no IS '직원번호';

COMMENT ON COLUMN emp.emp\_name IS '직원명';

COMMENT ON COLUMN emp.brth\_year\_mnth\_day IS '생년월일';

COMMENT ON COLUMN emp.addr IS '주소';

COMMENT ON COLUMN emp.sex IS '성별';

COMMENT ON COLUMN emp.tel\_no IS '전화번호';

COMMENT ON COLUMN emp.pwd IS '비밀번호';

COMMENT ON TABLE emp IS '직원';

CREATE UNIQUE INDEX emp\_PK ON emp

( emp\_no )

TABLESPACE INDEX\_SPACE

;

ALTER TABLE emp

ADD CONSTRAINT emp\_PK PRIMARY KEY ( emp\_no )

USING INDEX emp\_PK;

--직원

CREATE TABLE cust

(

cust\_no NUMBER(7) NOT NULL ,

cust\_name VARCHAR2(10) NOT NULL ,

addr VARCHAR2(50) NOT NULL ,

tel\_no VARCHAR2(11) NOT NULL ,

cust\_tp CHAR(1) NOT NULL ,

id VARCHAR2(10) ,

pwd VARCHAR2(10)

)

TABLESPACE DATA\_SPACE;

COMMENT ON COLUMN cust.cust\_no IS '고객번호';

COMMENT ON COLUMN cust.cust\_name IS '고객명';

COMMENT ON COLUMN cust.addr IS '주소';

COMMENT ON COLUMN cust.tel\_no IS '전화번호';

COMMENT ON COLUMN cust.cust\_tp IS '고객구분';

COMMENT ON COLUMN cust.id IS '아이디';

COMMENT ON COLUMN cust.pwd IS '비밀번호';

COMMENT ON TABLE cust IS '고객';

CREATE UNIQUE INDEX cust\_PK ON cust

( cust\_no )

TABLESPACE INDEX\_SPACE

;

CREATE UNIQUE INDEX cust\_UK1

ON cust ( id )

TABLESPACE INDEX\_SPACE;

ALTER TABLE cust

ADD CONSTRAINT cust\_PK PRIMARY KEY ( cust\_no )

USING INDEX cust\_PK;

ALTER TABLE cust

ADD CONSTRAINT cust\_CK CHECK ( cust\_tp IN ('m','n') );

-- 고객

CREATE TABLE rprt

(

rprt\_no CHAR(10) NOT NULL ,

rprt\_dttm DATE NOT NULL ,

rprt\_tp CHAR(1) NOT NULL ,

rprt\_mthd CHAR(1) NOT NULL ,

anml\_kinds CHAR(1) NOT NULL ,

anml\_size CHAR(1) NOT NULL ,

expln VARCHAR2(50) NOT NULL ,

rprt\_prsn\_no NUMBER(7) NOT NULL ,

dscv\_dttm DATE ,

dscv\_loc VARCHAR2(50)

)

TABLESPACE DATA\_SPACE;

COMMENT ON COLUMN rprt.rprt\_no IS '신고번호';

COMMENT ON COLUMN rprt.rprt\_dttm IS '신고일시';

COMMENT ON COLUMN rprt.rprt\_tp IS '신고구분';

COMMENT ON COLUMN rprt.rprt\_mthd IS '신고수단';

COMMENT ON COLUMN rprt.anml\_kinds IS '동물종류';

COMMENT ON COLUMN rprt.anml\_size IS '동물크기';

COMMENT ON COLUMN rprt.expln IS '설명';

COMMENT ON COLUMN rprt.rprt\_prsn\_no IS '신고자번호';

COMMENT ON COLUMN rprt.dscv\_dttm IS '발견일시';

COMMENT ON COLUMN rprt.dscv\_loc IS '발견장소';

COMMENT ON TABLE rprt IS '신고';

CREATE UNIQUE INDEX rprt\_PK ON rprt

( rprt\_no )

TABLESPACE INDEX\_SPACE

;

ALTER TABLE rprt

ADD CONSTRAINT rprt\_PK PRIMARY KEY ( rprt\_no )

USING INDEX rprt\_PK;

ALTER TABLE rprt

ADD CONSTRAINT rprt\_CK CHECK ( rprt\_tp IN ('d','h') );

ALTER TABLE rprt

ADD CONSTRAINT rprt\_CK1 CHECK ( rprt\_mthd IN ('i','c') );

ALTER TABLE rprt

ADD CONSTRAINT rprt\_CK2 CHECK ( anml\_kinds IN ('d','c','e') );

ALTER TABLE rprt

ADD CONSTRAINT rprt\_CK3 CHECK ( anml\_size IN ('b','m','s') );

ALTER TABLE rprt

ADD CONSTRAINT rprt\_FK FOREIGN KEY ( rprt\_prsn\_no )

REFERENCES cust ( cust\_no );

--신고

CREATE TABLE cage

(

cntr\_no VARCHAR2(2) NOT NULL ,

cage\_ornu NUMBER(4) NOT NULL ,

cage\_size CHAR(1) NOT NULL

)

TABLESPACE DATA\_SPACE;

COMMENT ON COLUMN cage.cntr\_no IS '센터번호';

COMMENT ON COLUMN cage.cage\_ornu IS '케이지순번';

COMMENT ON COLUMN cage.cage\_size IS '케이지크기';

COMMENT ON TABLE cage IS '케이지';

CREATE UNIQUE INDEX cage\_PK ON cage

( cntr\_no,cage\_ornu )

TABLESPACE INDEX\_SPACE

;

ALTER TABLE cage

ADD CONSTRAINT cage\_PK PRIMARY KEY ( cntr\_no,cage\_ornu )

USING INDEX cage\_PK;

ALTER TABLE cage

ADD CONSTRAINT cage\_CK CHECK ( cage\_size IN ('b','m','s') );

ALTER TABLE cage

ADD CONSTRAINT cage\_FK FOREIGN KEY ( cntr\_no )

REFERENCES cntr ( cntr\_no );

--케이지

CREATE TABLE emp\_work\_hist

(

emp\_no CHAR(4) NOT NULL ,

work\_start\_date DATE NOT NULL ,

work\_end\_date DATE DEFAULT TO\_DATE('9999-12-31') NOT NULL ,

cntr\_no VARCHAR2(2) NOT NULL ,

emp\_tp CHAR(1) NOT NULL ,

biz\_fild CHAR(1) NOT NULL

)

TABLESPACE DATA\_SPACE;

COMMENT ON COLUMN emp\_work\_hist.emp\_no IS '직원번호';

COMMENT ON COLUMN emp\_work\_hist.work\_start\_date IS '근무시작일자';

COMMENT ON COLUMN emp\_work\_hist.work\_end\_date IS '근무종료일자';

COMMENT ON COLUMN emp\_work\_hist.cntr\_no IS '센터번호';

COMMENT ON COLUMN emp\_work\_hist.emp\_tp IS '직원구분';

COMMENT ON COLUMN emp\_work\_hist.biz\_fild IS '업무분야';

COMMENT ON TABLE emp\_work\_hist IS '직원근무이력';

CREATE UNIQUE INDEX emp\_work\_hist\_PK ON emp\_work\_hist

( emp\_no,work\_start\_date,work\_end\_date )

TABLESPACE INDEX\_SPACE

;

ALTER TABLE emp\_work\_hist

ADD CONSTRAINT emp\_work\_hist\_PK PRIMARY KEY ( emp\_no,work\_start\_date,work\_end\_date )

USING INDEX emp\_work\_hist\_PK;

ALTER TABLE emp\_work\_hist

ADD CONSTRAINT emp\_work\_hist\_CK CHECK ( emp\_tp IN ('f','c') );

ALTER TABLE emp\_work\_hist

ADD CONSTRAINT emp\_work\_hist\_CK1 CHECK ( biz\_fild IN ('c','m','d','o','r','p') );

ALTER TABLE emp\_work\_hist

ADD CONSTRAINT emp\_work\_hist\_FK FOREIGN KEY ( cntr\_no )

REFERENCES cntr ( cntr\_no );

ALTER TABLE emp\_work\_hist

ADD CONSTRAINT emp\_work\_hist\_FK1 FOREIGN KEY ( emp\_no )

REFERENCES emp ( emp\_no );

--직원근무이력

CREATE TABLE post

(

post\_no CHAR(10) NOT NULL ,

post\_tit VARCHAR2(15) NOT NULL ,

wrt\_dttm DATE NOT NULL ,

post\_cont VARCHAR2(50) NOT NULL ,

post\_tp CHAR(1) NOT NULL ,

inq\_post\_no CHAR(10) ,

inq\_wrt\_prsn\_no NUMBER(7) ,

ans\_wrt\_prsn\_no CHAR(4) ,

noti\_wrt\_prsn\_no CHAR(4)

)

TABLESPACE DATA\_SPACE;

COMMENT ON COLUMN post.post\_no IS '게시글번호';

COMMENT ON COLUMN post.post\_tit IS '게시글제목';

COMMENT ON COLUMN post.wrt\_dttm IS '작성일시';

COMMENT ON COLUMN post.post\_cont IS '게시글내용';

COMMENT ON COLUMN post.post\_tp IS '게시글구분';

COMMENT ON COLUMN post.inq\_post\_no IS '문의게시글번호';

COMMENT ON COLUMN post.inq\_wrt\_prsn\_no IS '문의작성자번호';

COMMENT ON COLUMN post.ans\_wrt\_prsn\_no IS '답변작성자번호';

COMMENT ON COLUMN post.noti\_wrt\_prsn\_no IS '공지작성자번호';

COMMENT ON TABLE post IS '게시글';

CREATE UNIQUE INDEX post\_PK ON post

( post\_no )

TABLESPACE INDEX\_SPACE

;

ALTER TABLE post

ADD CONSTRAINT post\_PK PRIMARY KEY ( post\_no )

USING INDEX post\_PK;

ALTER TABLE post

ADD CONSTRAINT post\_CK CHECK ( post\_tp IN ('q','a','n') );

ALTER TABLE post

ADD CONSTRAINT post\_FK FOREIGN KEY ( inq\_post\_no )

REFERENCES post ( post\_no );

ALTER TABLE post

ADD CONSTRAINT post\_FK1 FOREIGN KEY ( noti\_wrt\_prsn\_no )

REFERENCES emp ( emp\_no );

ALTER TABLE post

ADD CONSTRAINT post\_FK2 FOREIGN KEY ( ans\_wrt\_prsn\_no )

REFERENCES emp ( emp\_no );

ALTER TABLE post

ADD CONSTRAINT post\_FK3 FOREIGN KEY ( inq\_wrt\_prsn\_no )

REFERENCES cust ( cust\_no );

--게시글

CREATE TABLE assg

(

assg\_no NUMBER(4) NOT NULL ,

rprt\_no CHAR(10) NOT NULL ,

cntr\_no VARCHAR2(2) NOT NULL ,

assg\_dttm DATE NOT NULL ,

befo\_assg\_no NUMBER(4) ,

assg\_res CHAR(1) ,

appr\_dttm DATE

)

TABLESPACE DATA\_SPACE;

COMMENT ON COLUMN assg.assg\_no IS '배정번호';

COMMENT ON COLUMN assg.rprt\_no IS '신고번호';

COMMENT ON COLUMN assg.cntr\_no IS '센터번호';

COMMENT ON COLUMN assg.assg\_dttm IS '배정일시';

COMMENT ON COLUMN assg.befo\_assg\_no IS '이전배정번호';

COMMENT ON COLUMN assg.assg\_res IS '배정결과';

COMMENT ON COLUMN assg.appr\_dttm IS '승인일시';

COMMENT ON TABLE assg IS '배정';

CREATE UNIQUE INDEX assg\_PK ON assg

( assg\_no )

TABLESPACE INDEX\_SPACE

;

ALTER TABLE assg

ADD CONSTRAINT assg\_PK PRIMARY KEY ( assg\_no )

USING INDEX assg\_PK;

ALTER TABLE assg

ADD CONSTRAINT assg\_CK CHECK ( assg\_res IN ('a','d') );

ALTER TABLE assg

ADD CONSTRAINT assg\_FK FOREIGN KEY ( rprt\_no )

REFERENCES rprt ( rprt\_no );

ALTER TABLE assg

ADD CONSTRAINT assg\_FK1 FOREIGN KEY ( befo\_assg\_no )

REFERENCES assg ( assg\_no );

ALTER TABLE assg

ADD CONSTRAINT assg\_FK2 FOREIGN KEY ( cntr\_no )

REFERENCES cntr ( cntr\_no );

--배정

CREATE TABLE rprt\_pic

(

rprt\_no CHAR(10) NOT NULL ,

rprt\_pic\_ornu NUMBER(4) NOT NULL ,

path VARCHAR2(500) NOT NULL

)

TABLESPACE DATA\_SPACE;

COMMENT ON COLUMN rprt\_pic.rprt\_no IS '신고번호';

COMMENT ON COLUMN rprt\_pic.rprt\_pic\_ornu IS '신고사진순번';

COMMENT ON COLUMN rprt\_pic.path IS '경로';

COMMENT ON TABLE rprt\_pic IS '신고사진';

CREATE UNIQUE INDEX rprt\_pic\_PK ON rprt\_pic

( rprt\_no,rprt\_pic\_ornu )

TABLESPACE INDEX\_SPACE

;

ALTER TABLE rprt\_pic

ADD CONSTRAINT rprt\_pic\_PK PRIMARY KEY ( rprt\_no,rprt\_pic\_ornu )

USING INDEX rprt\_pic\_PK;

ALTER TABLE rprt\_pic

ADD CONSTRAINT rprt\_pic\_FK FOREIGN KEY ( rprt\_no )

REFERENCES rprt ( rprt\_no );

--신고사진

CREATE TABLE rscu

(

rscu\_no NUMBER(4) NOT NULL ,

rscu\_dttm DATE NOT NULL ,

rscu\_loc VARCHAR2(50) NOT NULL ,

rep\_rscu\_crew\_no CHAR(4) NOT NULL

)

TABLESPACE DATA\_SPACE;

COMMENT ON COLUMN rscu.rscu\_no IS '구조번호';

COMMENT ON COLUMN rscu.rscu\_dttm IS '구조일시';

COMMENT ON COLUMN rscu.rscu\_loc IS '구조장소';

COMMENT ON COLUMN rscu.rep\_rscu\_crew\_no IS '대표구조대원번호';

COMMENT ON TABLE rscu IS '구조';

CREATE UNIQUE INDEX rscu\_PK ON rscu

( rscu\_no )

TABLESPACE INDEX\_SPACE

;

ALTER TABLE rscu

ADD CONSTRAINT rscu\_PK PRIMARY KEY ( rscu\_no )

USING INDEX rscu\_PK;

ALTER TABLE rscu

ADD CONSTRAINT rscu\_FK FOREIGN KEY ( rscu\_no )

REFERENCES assg ( assg\_no );

ALTER TABLE rscu

ADD CONSTRAINT rscu\_FK1 FOREIGN KEY ( rep\_rscu\_crew\_no )

REFERENCES emp ( emp\_no );

--구조

CREATE TABLE aban

(

aban\_no CHAR(10) NOT NULL ,

aban\_tp CHAR(1) NOT NULL ,

aban\_name VARCHAR2(15) NOT NULL ,

age NUMBER(4) NOT NULL ,

anml\_kinds CHAR(1) NOT NULL ,

kind VARCHAR2(20) NOT NULL ,

sex CHAR(1) NOT NULL ,

color VARCHAR2(10) NOT NULL ,

neut\_whet CHAR(1) NOT NULL ,

regis\_date DATE NOT NULL ,

anml\_size CHAR(1) NOT NULL ,

feat VARCHAR2(50) NOT NULL ,

mom\_aban\_no CHAR(10) ,

rscu\_no NUMBER(4)

)

TABLESPACE DATA\_SPACE;

COMMENT ON COLUMN aban.aban\_no IS '유기동물번호';

COMMENT ON COLUMN aban.aban\_tp IS '유기동물구분';

COMMENT ON COLUMN aban.aban\_name IS '유기동물명';

COMMENT ON COLUMN aban.age IS '나이';

COMMENT ON COLUMN aban.anml\_kinds IS '동물종류';

COMMENT ON COLUMN aban.kind IS '품종';

COMMENT ON COLUMN aban.sex IS '성별';

COMMENT ON COLUMN aban.color IS '색상';

COMMENT ON COLUMN aban.neut\_whet IS '중성화여부';

COMMENT ON COLUMN aban.regis\_date IS '등록일자';

COMMENT ON COLUMN aban.anml\_size IS '동물크기';

COMMENT ON COLUMN aban.feat IS '특징';

COMMENT ON COLUMN aban.mom\_aban\_no IS '어미유기동물번호';

COMMENT ON COLUMN aban.rscu\_no IS '구조번호';

COMMENT ON TABLE aban IS '유기동물';

CREATE UNIQUE INDEX aban\_PK ON aban

( aban\_no )

TABLESPACE INDEX\_SPACE

;

ALTER TABLE aban

ADD CONSTRAINT aban\_PK PRIMARY KEY ( aban\_no )

USING INDEX aban\_PK;

ALTER TABLE aban

ADD CONSTRAINT aban\_CK CHECK ( aban\_tp IN ('r','b') );

ALTER TABLE aban

ADD CONSTRAINT aban\_CK1 CHECK ( anml\_size IN ('b','m','s') );

ALTER TABLE aban

ADD CONSTRAINT aban\_FK FOREIGN KEY ( rscu\_no )

REFERENCES rscu ( rscu\_no );

ALTER TABLE aban

ADD CONSTRAINT aban\_FK1 FOREIGN KEY ( mom\_aban\_no )

REFERENCES aban ( aban\_no );

--유기동물

CREATE TABLE aban\_pic

(

aban\_no CHAR(10) NOT NULL ,

anml\_pic\_ornu NUMBER(4) NOT NULL ,

path VARCHAR2(500) NOT NULL

)

TABLESPACE DATA\_SPACE;

COMMENT ON COLUMN aban\_pic.aban\_no IS '유기동물번호';

COMMENT ON COLUMN aban\_pic.anml\_pic\_ornu IS '동물사진순번';

COMMENT ON COLUMN aban\_pic.path IS '경로';

COMMENT ON TABLE aban\_pic IS '유기동물사진';

CREATE UNIQUE INDEX aban\_pic\_PK ON aban\_pic

( aban\_no,anml\_pic\_ornu )

TABLESPACE INDEX\_SPACE

;

ALTER TABLE aban\_pic

ADD CONSTRAINT aban\_pic\_PK PRIMARY KEY ( aban\_no,anml\_pic\_ornu )

USING INDEX aban\_pic\_PK;

ALTER TABLE aban\_pic

ADD CONSTRAINT aban\_pic\_FK FOREIGN KEY ( aban\_no )

REFERENCES aban ( aban\_no );

--유기동물사진

CREATE TABLE prot

(

prot\_no CHAR(10) NOT NULL ,

prot\_start\_date DATE NOT NULL ,

prot\_end\_date DATE DEFAULT TO\_DATE('9999-12-31') NOT NULL ,

aban\_no CHAR(10) NOT NULL ,

cntr\_no VARCHAR2(2) NOT NULL ,

cage\_ornu NUMBER(4) NOT NULL ,

cama\_emp\_no CHAR(4) NOT NULL

)

TABLESPACE DATA\_SPACE;

COMMENT ON COLUMN prot.prot\_no IS '보호번호';

COMMENT ON COLUMN prot.prot\_start\_date IS '보호시작일자';

COMMENT ON COLUMN prot.prot\_end\_date IS '보호종료일자';

COMMENT ON COLUMN prot.aban\_no IS '유기동물번호';

COMMENT ON COLUMN prot.cntr\_no IS '센터번호';

COMMENT ON COLUMN prot.cage\_ornu IS '케이지순번';

COMMENT ON COLUMN prot.cama\_emp\_no IS '보호관리직원번호';

COMMENT ON TABLE prot IS '보호';

CREATE UNIQUE INDEX prot\_PK ON prot

( prot\_no )

TABLESPACE INDEX\_SPACE

;

ALTER TABLE prot

ADD CONSTRAINT prot\_PK PRIMARY KEY ( prot\_no )

USING INDEX prot\_PK;

ALTER TABLE prot

ADD CONSTRAINT prot\_FK FOREIGN KEY ( aban\_no )

REFERENCES aban ( aban\_no );

ALTER TABLE prot

ADD CONSTRAINT prot\_FK1 FOREIGN KEY ( cntr\_no,cage\_ornu )

REFERENCES cage ( cntr\_no,cage\_ornu );

ALTER TABLE prot

ADD CONSTRAINT prot\_FK2 FOREIGN KEY ( cama\_emp\_no )

REFERENCES emp ( emp\_no );

--보호

CREATE TABLE diag

(

prot\_no CHAR(10) NOT NULL ,

diag\_ornu NUMBER(4) NOT NULL ,

diag\_date DATE NOT NULL ,

diag\_tp CHAR(1) NOT NULL ,

diag\_cont VARCHAR2(50) NOT NULL ,

indi\_res CHAR(1) ,

hosp\_name VARCHAR2(15) ,

oudi\_res CHAR(1) ,

dise VARCHAR2(15) ,

infec\_whet CHAR(1) ,

cure\_tp CHAR(1) ,

hsptz\_date DATE ,

dsch\_date DATE ,

reas VARCHAR2(50) ,

dth\_tp CHAR(1) ,

vtrn\_no CHAR(4)

)

TABLESPACE DATA\_SPACE;

COMMENT ON COLUMN diag.prot\_no IS '보호번호';

COMMENT ON COLUMN diag.diag\_ornu IS '진료순번';

COMMENT ON COLUMN diag.diag\_date IS '진료일자';

COMMENT ON COLUMN diag.diag\_tp IS '진료구분';

COMMENT ON COLUMN diag.diag\_cont IS '진료내용';

COMMENT ON COLUMN diag.indi\_res IS '내진결과';

COMMENT ON COLUMN diag.hosp\_name IS '병원명';

COMMENT ON COLUMN diag.oudi\_res IS '외진결과';

COMMENT ON COLUMN diag.dise IS '병명';

COMMENT ON COLUMN diag.infec\_whet IS '전염여부';

COMMENT ON COLUMN diag.cure\_tp IS '치료구분';

COMMENT ON COLUMN diag.hsptz\_date IS '입원일자';

COMMENT ON COLUMN diag.dsch\_date IS '퇴원일자';

COMMENT ON COLUMN diag.reas IS '사유';

COMMENT ON COLUMN diag.dth\_tp IS '사망구분';

COMMENT ON COLUMN diag.vtrn\_no IS '수의사번호';

COMMENT ON TABLE diag IS '진료';

CREATE UNIQUE INDEX diag\_PK ON diag

( prot\_no,diag\_ornu )

TABLESPACE INDEX\_SPACE

;

ALTER TABLE diag

ADD CONSTRAINT diag\_PK PRIMARY KEY ( prot\_no,diag\_ornu )

USING INDEX diag\_PK;

ALTER TABLE diag

ADD CONSTRAINT diag\_CK CHECK ( diag\_tp IN ('i','o') );

ALTER TABLE diag

ADD CONSTRAINT diag\_CK1 CHECK ( indi\_res IN ('g','n','b') );

ALTER TABLE diag

ADD CONSTRAINT diag\_CK2 CHECK ( oudi\_res IN ('c','d') );

ALTER TABLE diag

ADD CONSTRAINT diag\_CK3 CHECK ( cure\_tp IN ('v','a') );

ALTER TABLE diag

ADD CONSTRAINT diag\_CK4 CHECK ( dth\_tp IN ('n','e') );

ALTER TABLE diag

ADD CONSTRAINT diag\_FK FOREIGN KEY ( prot\_no )

REFERENCES prot ( prot\_no );

ALTER TABLE diag

ADD CONSTRAINT diag\_FK1 FOREIGN KEY ( vtrn\_no )

REFERENCES emp ( emp\_no );

--진료

CREATE TABLE annc

(

annc\_no CHAR(10) NOT NULL ,

annc\_start\_date DATE NOT NULL ,

annc\_end\_date DATE DEFAULT TO\_DATE('9999-12-31') NOT NULL ,

expln VARCHAR2(50) NOT NULL ,

prot\_no CHAR(10) NOT NULL

)

TABLESPACE DATA\_SPACE;

COMMENT ON COLUMN annc.annc\_no IS '공고번호';

COMMENT ON COLUMN annc.annc\_start\_date IS '공고시작일자';

COMMENT ON COLUMN annc.annc\_end\_date IS '공고종료일자';

COMMENT ON COLUMN annc.expln IS '설명';

COMMENT ON COLUMN annc.prot\_no IS '보호번호';

COMMENT ON TABLE annc IS '공고';

CREATE UNIQUE INDEX annc\_PK ON annc

( annc\_no )

TABLESPACE INDEX\_SPACE

;

ALTER TABLE annc

ADD CONSTRAINT annc\_PK PRIMARY KEY ( annc\_no )

USING INDEX annc\_PK;

ALTER TABLE annc

ADD CONSTRAINT annc\_FK FOREIGN KEY ( prot\_no )

REFERENCES prot ( prot\_no );

--공고

CREATE TABLE ret

(

ret\_no CHAR(10) NOT NULL ,

ret\_date DATE NOT NULL ,

prot\_no CHAR(10) NOT NULL ,

cust\_no NUMBER(7) NOT NULL

)

TABLESPACE DATA\_SPACE;

COMMENT ON COLUMN ret.ret\_no IS '반환번호';

COMMENT ON COLUMN ret.ret\_date IS '반환일자';

COMMENT ON COLUMN ret.prot\_no IS '보호번호';

COMMENT ON COLUMN ret.cust\_no IS '인수자번호';

COMMENT ON TABLE ret IS '반환';

CREATE UNIQUE INDEX ret\_PK ON ret

( ret\_no )

TABLESPACE INDEX\_SPACE

;

ALTER TABLE ret

ADD CONSTRAINT ret\_PK PRIMARY KEY ( ret\_no )

USING INDEX ret\_PK;

ALTER TABLE ret

ADD CONSTRAINT ret\_FK FOREIGN KEY ( prot\_no )

REFERENCES prot ( prot\_no );

ALTER TABLE ret

ADD CONSTRAINT ret\_FK1 FOREIGN KEY ( cust\_no )

REFERENCES cust ( cust\_no );

--반환

CREATE TABLE adop\_req

(

adop\_req\_no CHAR(10) NOT NULL ,

annc\_no CHAR(10) NOT NULL ,

req\_dttm DATE NOT NULL ,

req\_prsn\_no NUMBER(7) NOT NULL

)

TABLESPACE DATA\_SPACE;

COMMENT ON COLUMN adop\_req.adop\_req\_no IS '입양신청번호';

COMMENT ON COLUMN adop\_req.annc\_no IS '공고번호';

COMMENT ON COLUMN adop\_req.req\_dttm IS '신청일시';

COMMENT ON COLUMN adop\_req.req\_prsn\_no IS '신청자번호';

COMMENT ON TABLE adop\_req IS '입양신청';

CREATE UNIQUE INDEX adop\_req\_PK ON adop\_req

( adop\_req\_no )

TABLESPACE INDEX\_SPACE

;

ALTER TABLE adop\_req

ADD CONSTRAINT adop\_req\_PK PRIMARY KEY ( adop\_req\_no )

USING INDEX adop\_req\_PK;

ALTER TABLE adop\_req

ADD CONSTRAINT adop\_req\_FK FOREIGN KEY ( annc\_no )

REFERENCES annc ( annc\_no );

ALTER TABLE adop\_req

ADD CONSTRAINT adop\_req\_FK1 FOREIGN KEY ( req\_prsn\_no )

REFERENCES cust ( cust\_no );

--입양신청

CREATE TABLE adop\_eva

(

adop\_req\_no CHAR(10) NOT NULL ,

eva\_date DATE NOT NULL ,

eva\_res CHAR(1) NOT NULL ,

den\_reas VARCHAR2(50) ,

eva\_prsn\_no CHAR(4) NOT NULL

)

TABLESPACE DATA\_SPACE;

COMMENT ON COLUMN adop\_eva.adop\_req\_no IS '입양신청번호';

COMMENT ON COLUMN adop\_eva.eva\_date IS '심사일자';

COMMENT ON COLUMN adop\_eva.eva\_res IS '심사결과';

COMMENT ON COLUMN adop\_eva.den\_reas IS '거부사유';

COMMENT ON COLUMN adop\_eva.eva\_prsn\_no IS '심사자번호';

COMMENT ON TABLE adop\_eva IS '입양심사';

CREATE UNIQUE INDEX adop\_eva\_PK ON adop\_eva

( adop\_req\_no )

TABLESPACE INDEX\_SPACE

;

ALTER TABLE adop\_eva

ADD CONSTRAINT adop\_eva\_PK PRIMARY KEY ( adop\_req\_no )

USING INDEX adop\_eva\_PK;

ALTER TABLE adop\_eva

ADD CONSTRAINT adop\_eva\_CK CHECK ( eva\_res IN ('a','d') );

ALTER TABLE adop\_eva

ADD CONSTRAINT adop\_eva\_FK FOREIGN KEY ( adop\_req\_no )

REFERENCES adop\_req ( adop\_req\_no );

ALTER TABLE adop\_eva

ADD CONSTRAINT adop\_eva\_FK1 FOREIGN KEY ( eva\_prsn\_no )

REFERENCES emp ( emp\_no );

--입양심사

CREATE TABLE adop

(

adop\_no CHAR(10) NOT NULL ,

adop\_date DATE NOT NULL ,

adop\_req\_no CHAR(10) NOT NULL ,

adop\_aban\_no CHAR(10) NOT NULL

)

TABLESPACE DATA\_SPACE;

COMMENT ON COLUMN adop.adop\_no IS '입양번호';

COMMENT ON COLUMN adop.adop\_date IS '입양일자';

COMMENT ON COLUMN adop.adop\_req\_no IS '입양신청번호';

COMMENT ON COLUMN adop.adop\_aban\_no IS '입양유기동물번호';

COMMENT ON TABLE adop IS '입양';

CREATE UNIQUE INDEX adop\_PK ON adop

( adop\_no )

TABLESPACE INDEX\_SPACE

;

ALTER TABLE adop

ADD CONSTRAINT adop\_PK PRIMARY KEY ( adop\_no )

USING INDEX adop\_PK;

ALTER TABLE adop

ADD CONSTRAINT adop\_FK FOREIGN KEY ( adop\_req\_no )

REFERENCES adop\_eva ( adop\_req\_no );

ALTER TABLE adop

ADD CONSTRAINT adop\_FK1 FOREIGN KEY ( adop\_aban\_no )

REFERENCES aban ( aban\_no );

CREATE TABLE visit

(

adop\_no CHAR(10) NOT NULL ,

visit\_times NUMBER(4) NOT NULL ,

visit\_date DATE NOT NULL ,

visit\_cont VARCHAR2(50) NOT NULL ,

visit\_emp\_no CHAR(4) NOT NULL

)

TABLESPACE DATA\_SPACE;

COMMENT ON COLUMN visit.adop\_no IS '입양번호';

COMMENT ON COLUMN visit.visit\_times IS '방문회차';

COMMENT ON COLUMN visit.visit\_date IS '방문일자';

COMMENT ON COLUMN visit.visit\_cont IS '방문내용';

COMMENT ON COLUMN visit.visit\_emp\_no IS '방문직원번호';

COMMENT ON TABLE visit IS '방문';

CREATE UNIQUE INDEX visit\_PK ON visit

( adop\_no,visit\_times )

TABLESPACE INDEX\_SPACE

;

ALTER TABLE visit

ADD CONSTRAINT visit\_PK PRIMARY KEY ( adop\_no,visit\_times )

USING INDEX visit\_PK;

ALTER TABLE visit

ADD CONSTRAINT visit\_FK FOREIGN KEY ( adop\_no )

REFERENCES adop ( adop\_no );

ALTER TABLE visit

ADD CONSTRAINT visit\_FK1 FOREIGN KEY ( visit\_emp\_no )

REFERENCES emp ( emp\_no );

--방문

<외래키 인덱스 생성 sql>

CREATE INDEX emp\_work\_hist\_FK\_IX

ON emp\_work\_hist ( cntr\_no )

TABLESPACE INDEX\_SPACE;

CREATE INDEX post\_FK1\_IX

ON post ( inq\_post\_no )

TABLESPACE INDEX\_SPACE;

CREATE INDEX post\_FK2\_IX

ON post ( inq\_wrt\_prsn\_no )

TABLESPACE INDEX\_SPACE;

CREATE INDEX post\_FK3\_IX

ON post ( ans\_wrt\_prsn\_no )

TABLESPACE INDEX\_SPACE;

CREATE INDEX post\_FK4\_IX

ON post ( noti\_wrt\_prsn\_no )

TABLESPACE INDEX\_SPACE;

CREATE INDEX rprt\_FK\_IX

ON rprt ( rprt\_prsn\_no )

TABLESPACE INDEX\_SPACE;

CREATE INDEX assg\_FK1\_IX

ON assg ( rprt\_no )

TABLESPACE INDEX\_SPACE;

CREATE INDEX assg\_FK2\_IX

ON assg ( cntr\_no )

TABLESPACE INDEX\_SPACE;

CREATE INDEX assg\_FK3\_IX

ON assg ( befo\_assg\_no )

TABLESPACE INDEX\_SPACE;

CREATE INDEX rscu\_FK\_IX

ON rscu ( rep\_rscu\_crew\_no )

TABLESPACE INDEX\_SPACE;

CREATE INDEX aban\_FK1\_IX

ON aban ( rscu\_no )

TABLESPACE INDEX\_SPACE;

CREATE INDEX aban\_FK2\_IX

ON aban ( mom\_aban\_no )

TABLESPACE INDEX\_SPACE;

CREATE INDEX prot\_FK1\_IX

ON prot ( aban\_no )

TABLESPACE INDEX\_SPACE;

CREATE INDEX prot\_FK2\_IX

ON prot ( cntr\_no )

TABLESPACE INDEX\_SPACE;

CREATE INDEX prot\_FK3\_IX

ON prot ( cage\_ornu )

TABLESPACE INDEX\_SPACE;

CREATE INDEX prot\_FK4\_IX

ON prot ( cama\_emp\_no )

TABLESPACE INDEX\_SPACE;

CREATE INDEX annc\_FK\_IX

ON annc ( prot\_no )

TABLESPACE INDEX\_SPACE;

CREATE INDEX adop\_req\_FK1\_IX

ON adop\_req ( annc\_no )

TABLESPACE INDEX\_SPACE;

CREATE INDEX adop\_req\_FK2\_IX

ON adop\_req ( req\_prsn\_no )

TABLESPACE INDEX\_SPACE;

CREATE INDEX adop\_eva\_FK\_IX

ON adop\_eva ( eva\_prsn\_no )

TABLESPACE INDEX\_SPACE;

CREATE INDEX adop\_FK1\_IX

ON adop ( adop\_req\_no )

TABLESPACE INDEX\_SPACE;

CREATE INDEX adop\_FK2\_IX

ON adop ( adop\_aban\_no )

TABLESPACE INDEX\_SPACE;

CREATE INDEX visit\_FK\_IX

ON visit ( visit\_emp\_no )

TABLESPACE INDEX\_SPACE;

CREATE INDEX ret\_FK1\_IX

ON ret ( prot\_no )

TABLESPACE INDEX\_SPACE;

CREATE INDEX ret\_FK2\_IX

ON ret ( cust\_no )

TABLESPACE INDEX\_SPACE;

<트리거 sql>

1. 유기동물의 신고번호를 신고에서 추출받는 트리거

CREATE TRIGGER aban\_TR

BEFORE INSERT ON aban

FOR EACH ROW

DECLARE anml\_kinds CHAR(1);

BEGIN

SELECT rt.anml\_kinds INTO anml\_kinds FROM rprt rt, rscu rc, assg ag

WHERE rt.rprt\_no = ag.rprt\_no AND ag.assg\_no = rc.rscu\_no AND rc.rscu\_no =:new.rscu\_no;

:new.anml\_kinds := anml\_kinds;

END;

/

2. 사원의 기본 비밀번호를 생년월일로 설정해주는 트리거

CREATE TRIGGER emp\_TR

before INSERT ON emp

FOR EACH ROW

BEGIN

:new.pwd := to\_char(:NEW.brth\_year\_mnth\_day,'YYYYMMDD');

END;

/

<데이터삽입 sql>