Derby scripts

CREATE TABLE GROUPS

(GROUP\_ID SMALLINT NOT NULL GENERATED ALWAYS AS IDENTITY

(START WITH 5, INCREMENT BY 5), ADDRESS VARCHAR(100), PHONE VARCHAR(15));

**Hybernate Sequence**

CREATE SEQUENCE ADMIN.athatid as bigint START WITH 1 INCREMENT BY 1 NO CYCLE;

Check Next value

VALUES (NEXT VALUE FOR athatid);

PRIMARY KEY

alter table ATHAT\_CIDADE add primary key (ID);

Create Table With Foreign Key inside

CREATE TABLE "ADMIN"."ATHAT\_CIDADE"

(

DATACADASTRO timestamp NOT NULL default CURRENT\_TIMESTAMP,

ID BIGINT not null generated always as identity,

VERSION INT not null,

ibge int not null,

nome varchar(100) not null default 'NOT\_SET',

estadoType varchar(100),

primary key (ID)

)

alter table ATHAT\_CIDADE add primary key (ID);

create table admin.ATHAT\_ENDERECO

(

DATACADASTRO timestamp NOT NULL default CURRENT\_TIMESTAMP,

ID BIGINT not null default 0,

VERSION INT not null,

logradouro varchar(70) not null default 'NOT\_SET',

bairro varchar(70) not null default 'NOT\_SET',

numero varchar(10) not null default 'NOT\_SET',

cep varchar(20) not null default 'NOT\_SET',

complemento varchar(70),

cidade\_id bigint not null,

logradouroType varchar(100),

estadoType varchar(100),

CONSTRAINT CIDADE\_ID\_FK

FOREIGN KEY (cidade\_id)

REFERENCES ATHAT\_CIDADE (ID),

primary key (ID)

)

CREATE TABLE "ADMIN"."LTR\_LOTTERY"

(

DATE\_CREATED date NOT NULL,

DATE\_MODIFIED date,

LOTTERY\_ID int not null generated always as identity,

LOTTERY\_NAME varchar(200) NOT NULL,

primary key (LOTTERY\_ID)

)

alter table LTR\_LOTTERY alter column LOTTERY\_ID set AUTOINCREMENT: start 1 increment 1

alter table PRJ\_BUSINESS\_BUNDLE drop column id;

alter table PRJ\_BUSINESS\_BUNDLE add column id int not null generated always as identity (START WITH 1, INCREMENT BY 1);

alter table LTR\_LOTTERY add column DATE\_CREATED bigint default 0;

alter table admin.LTR\_LOTTERY alter column DATE\_CREATED NOT NULL;

alter table LTR\_LOTTERY add column DATE\_CREATED timestamp default CURRENT\_TIMESTAMP ;

alter table admin.LTR\_LOTTERY alter column DATE\_CREATED NOT NULL;

### Foreign Keys

**Theory**

alter table <table\_name> add CONSTRAINT <constraint\_name> FOREIGN KEY <altered\_table\_column> REFERENCES <refrenced\_table>(its column name)

Examples

alter table ltr\_ticket add CONSTRAINT lottery\_id FOREIGN KEY (lottery\_id) REFERENCES ltr\_lottery(lottery\_id)

alter table PRJ\_USER\_ROLE add CONSTRAINT prj\_user\_role FOREIGN KEY (user\_id) REFERENCES prj\_users(id);

alter table ltr\_ticket drop constraint lottery\_id

**CREATE TABLE** LTR\_LOTTERY\_123

**(ID INT NOT NULL, DRAWING\_DATE** timestamp default CURRENT\_TIMESTAMP**,**

**DRAWING\_RESULT varchar(100), PRIMARY KEY (ID));**

CREATE TABLE LTR\_LOTTERY\_123

(ID int NOT NULL GENERATED ALWAYS AS IDENTITY

(START WITH 5, INCREMENT BY 5), ADDRESS VARCHAR(100), PHONE VARCHAR(15));

INSERT INTO SPT\_IDENTITIES

VALUES (‘testName’, 'test”Email');