Type definition

declaration:

CREATE TYPE TCourse;
Type definition

structs:

CREATE TYPE Tname AS OBJECT
(
    firstName VARCHAR2(30),
    lastName VARCHAR2(30)
);

Type definition

arrays:

CREATE TYPE TTelephones AS VARRAY(6) OF VARCHAR2(15);
Type definition

refs:

CREATE TYPE TSetRefCourses AS TABLE OF REF TCourse;

points to a set of tuples of type TCourse
Type definition

inheritance:

CREATE TYPE TStudent
    UNDER TPerson ( studentNo CHAR(6),
    ...

Table definition

CREATE TABLE Course OF TCourse (  
  PRIMARY KEY (courseNo),  
  FOREIGN KEY (professorRef)  
  REFERENCES Person  )  
NESTED TABLE  
isPrerequisiteOfRefs STORE AS  
Table_isPrerequisiteOfRefs  
...

Connection

• Launch Oracle SQL Developer

• Create new connection:
  • 164.15.81.95
  • login/pass: sdi%d / sdi
    (with %d an integer in 1..25)
Connection