

CODE SOURCE SQL

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CREATE USER IF NOT EXISTS "SA" SALT '86e983b1097cf299' HASH
'c09055d3c81d65035a6180c61a13a204ed84c39888af244bdba58109f188c2a3' ADMIN;

CREATE CACHE TABLE "PUBLIC"."CSV_INPUT_DATA"(

    "CAS" INTEGER,

    "HE" DOUBLE PRECISION,

    "HS" DOUBLE PRECISION,

    "TE" DOUBLE PRECISION,

    "TS" DOUBLE PRECISION,

    "DIAM_WR" DOUBLE PRECISION,

    "WRYOUNG" DOUBLE PRECISION,

    "OFFSET" DOUBLE PRECISION,

    "MU_INI" DOUBLE PRECISION,

    "FORCE_DATA" DOUBLE PRECISION,

    "G" DOUBLE PRECISION

);

-- 75 +/- SELECT COUNT(*) FROM PUBLIC.CSV_INPUT_DATA;

CREATE CACHE TABLE "PUBLIC"."USERS"(

    "NAME" CHARACTER VARYING NOT NULL,

    "PASSWORD" CHARACTER VARYING,

    "ID" INTEGER

);

ALTER TABLE "PUBLIC"."USERS" ADD CONSTRAINT "PUBLIC"."CONSTRAINT_4" PRIMARY KEY("NAME");

-- 4 +/- SELECT COUNT(*) FROM PUBLIC.USERS;

CREATE CACHE TABLE "PUBLIC"."TABLE_DONNEE_AFFICHAGE"(

    "ROLL_SPEED" DOUBLE PRECISION,

    "FRICTION" DOUBLE PRECISION,

    "SIGMA" DOUBLE PRECISION,

    "NOM_POSTE" CHARACTER VARYING,

    "ERREUR" CHARACTER VARYING

);

-- 0 +/- SELECT COUNT(*) FROM PUBLIC.TABLE_DONNEE_AFFICHAGE;

CREATE CACHE TABLE "PUBLIC"."FILE_FORMAT"(

    "LP" INTEGER,

    "MATID" INTEGER,
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"XTIME" DOUBLE PRECISION,
"XLOC" DOUBLE PRECISION,
"ENTHICK" DOUBLE PRECISION,
"EXTHICK" DOUBLE PRECISION,
"ENTENS" DOUBLE PRECISION,
"EXTENS" DOUBLE PRECISION,
"ROLLFORCE" DOUBLE PRECISION,
"FSLIP" DOUBLE PRECISION,
"DAIAMETER" DOUBLE PRECISION,
"ROLLED_LENGTH_FOR_WORK_ROLLS" DOUBLE PRECISION,
"YOUNGMODULUS" DOUBLE PRECISION,
"BOCKUP_ROLL_DIA" DOUBLE PRECISION,
"ROLLED_LENGTH_FOR_BACKUP_ROLLS" DOUBLE PRECISION,
"MU" DOUBLE PRECISION,
"TORQUE" DOUBLE PRECISION,
"AVERAGESIGMA" DOUBLE PRECISION,
"INPUTERROR" DOUBLE PRECISION,
"LUBWFLUP" DOUBLE PRECISION,
"LUBWFLLO" DOUBLE PRECISION,
"LUBOILFLUP" DOUBLE PRECISION,
"LUBOILFLLO" DOUBLE PRECISION,
"WORK_ROLL_SPEED" DOUBLE PRECISION,
"NOM_POSTE" CHARACTER VARYING,
"ID" INTEGER GENERATED BY DEFAULT AS IDENTITY(START WITH 1 RESTART WITH 30839) NOT
NULL
);

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ALTER TABLE "PUBLIC"."FILE_FORMAT" ADD CONSTRAINT "PUBLIC"."CONSTRAINT_8" PRIMARY
KEY("ID");

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-- 268 +/- SELECT COUNT(*) FROM PUBLIC.FILE_FORMAT;

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CREATE CACHE TABLE "PUBLIC"."CSV_OUTPUT_DATA"(

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"CASE_" INTEGER,
"ERROR" CHARACTER VARYING,
"OFFSETYIELD" DOUBLE PRECISION,
"FRICTION" DOUBLE PRECISION,
"ROLLING_TORQUE" DOUBLE PRECISION,

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"SIGMA_MOY" DOUBLE PRECISION,  
"SIGMA_INI" DOUBLE PRECISION,  
"SIGMA_OUT" DOUBLE PRECISION,  
"SIGMA_MAX" DOUBLE PRECISION,  
"FORCE_ERROR" DOUBLE PRECISION,  
"SLIP_ERROR" DOUBLE PRECISION,  
"HAS_CONVERGED" CHARACTER VARYING,  
"NOM_POSTE" CHARACTER VARYING,  
"ID3" INTEGER GENERATED BY DEFAULT AS IDENTITY(START WITH 1 RESTART WITH 6563) NOT  
NULL  
);  
ALTER TABLE "PUBLIC"."CSV_OUTPUT_DATA" ADD CONSTRAINT "PUBLIC"."CONSTRAINT_B" PRIMARY  
KEY("ID3");  
-- 74 +/- SELECT COUNT(*) FROM PUBLIC.CSV_OUTPUT_DATA;
```