



Tipi di dato

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CREATE DOMAIN Stringa as varchar;

CREATE DOMAIN InteGEZ as integer check (value >= 0);

CREATE DOMAIN FloatGEZ as real check (value >= 0);

CREATE DOMAIN Real_0_1 as real check (value BETWEEN 0 and 1);

CREATE DOMAIN Partitalva as char(11) check (value ~ '^[0-9]{11}$');

CREATE DOMAIN Email as Stringa
check (value ~* '^'[a-z0-9!#$%&'()*+/-=?^_`{|}~]+(\.[a-z0-9!#$%&'()*+/-=?^_`{|}~]+)*@([a-z0-9]([a-z0-9-]*[a-z0-9])?\.)+[a-z0-9]([a-z0-9-]*[a-z0-9])?$)');

CREATE DOMAIN CodiceFiscale as char(16) check (value ~* '^'[A-Z]{6}[0-9]{2}[A-Z][0-9]{2}[A-Z][0-9]{3}[A-Z]$');

CREATE DOMAIN Telefono as char(10) check (value ~ '^'[0-9]{10}$');

CREATE TYPE Stato as ENUM ('in preparazione', 'inviato', 'da saldare', 'saldato');

CREATE DOMAIN Stringa_not_null as varchar(100) check (value is not null);

CREATE DOMAIN CAP_not_null as char(5) check (value is not null and value ~ '^'[0-9]{5}$');

CREATE TYPE Indirizzo as (
  via Stringa_not_null,
  civico Stringa_not_null,
  cap CAP_not_null
);

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