



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 PartitaIVA as char(11) check (value ~ '^[0-9]{11}$');
CREATE DOMAIN Email as Stringa
check (value ~* '^[a-zA-Z!#$%^&*+=?^_`{|}~-]+(\.[a-zA-Z!#$%^&*+=?^_`{|}~-]+)*@[a-zA-Z]+([a-zA-Z-]*[a-zA-Z])?\.+[a-zA-Z]+([a-zA-Z-]*[a-zA-Z])?$');
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', 'invia', '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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