

Postgres data type for emails.

If I have time I could test this data type that uses regular expressions to validate emails:

<https://dba.stackexchange.com/questions/68266/what-is-the-best-way-to-store-an-email-address-in-postgresql>

```
CREATE EXTENSION citext;  
CREATE DOMAIN email AS citext  
CHECK ( value ~ '^[a-zA-Z0-9.!#$%&''*+/,=?^_`{|}~-]+@[a-zA-Z0-9](?:[a-zA-Z0-9-]{0,61}[a-zA-Z0-9])?(?:\.[a-zA-Z0-9](?:[a-zA-Z0-9-]{0,61}[a-zA-Z0-9])?)*$' );
```

Looks complicated but useful and worth being aware of.

Now you can do...

```
SELECT 'asdf@foobar.com'::email;
```

But not

```
SELECT 'asdf@foob,,ar.com'::email;
```

```
SELECT 'asd@f@foobar.com'::email;
```

Because both of those return

```
ERROR: value for domain email violates check constraint "email_check"
```

Because this is based on citext too

```
SELECT 'asdf@foobar.com'::email = 'ASdf@fooBAR.com';
```

returns true by default.