

User-defined functions

- As a user, you can write a function, register it in the database, call it from SQL, set permissions on it

- Scalar functions

```
SELECT myfunc(r.a, r.b) ...  
WHERE yourfunc(r.c, r.d) < 5
```

- Aggregate functions

```
SELECT x, concat(r.s) ...  
GROUP BY x
```

- Table functions

```
SELECT ... FROM tablefunc(a,b)
```

sequence(5,10)

User-Defined Function Support

- PostgreSQL (and Greenplum)
 - SQL, PL/pgSQL, Python, C/C++, R,
- Microsoft SQL Server
 - SQL, T-SQL, C# or any CLR language
- Oracle
 - SQL, PL-SQL, Java, C/C++, Python, others
- SQLite
 - NONE!! (sorry)