One Database To Rule 'em All

PHP Usergroup Berlin
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SQL/MED

Defined by ISO/IEC 9075-9:200

Supported by

- DB2
- MariaDB
  - With CONNECT storage engine, implementation differs to the standard
- PostgreSQL

Implementation

Foreign Data Wrapper

Read only

Read and write

Installation as extensions

Available FDW

Examples:

Oracle (pgxn.org)

MS SQL Server / Sybase ASE
readonly (pgxn.org)

MongoDB
readonly (pgxn.org)

MariaDB / MySQL (github.com)

Data source

The example data used in the SQL part is availabale from Chinook Database:

PostgreSQL

MySQL

SQLite

CTE

Common Table Expressions will be used in examples

- Example:

```
WITH RECURSIVE t(n) AS (
    VALUES (1)
  UNION ALL
    SELECT n+1 FROM t WHERE n < 100
)
SELECT sum(n), min(n), max(n) FROM t;
```

- Result:

	sum bigint	min integer	max integer
1	5050	1	100

User Group / Conferences

PostgreSQL User Group Berlin

PostgreSQL Europe Conference 2015
Vienna, October 27-30

German PostgreSQL Conference 2015
Hamburg, November 26-27

Link List

PGXN

Slide and source on Github:
https://github.com/sjstoelting/talks

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