

VillageSQL

MySQL Days 2026 - Belgium



Who is VillageSQL?

40+ Years of Database experience at Google, MySQL, AWS, Oracle



Dominic Preuss

Village Steward (CEO)

AWS, Google, Trilogy



Tomas Ulin

Village Historian

MySQL, Sun
Microsystems, Oracle

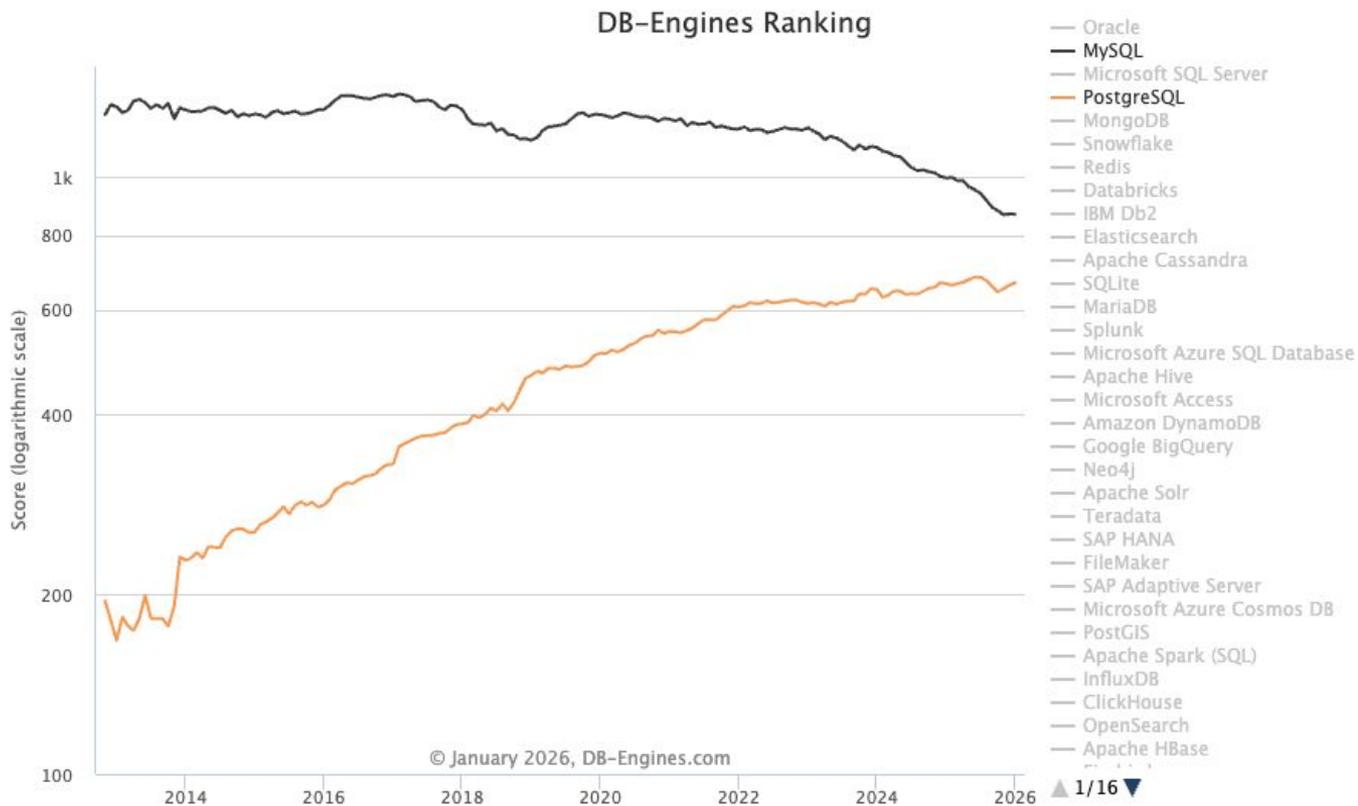


Dan Bentley

Village Scribe

Google, Twitter,
Anthropic

MySQL is stagnating



Why is it lagging?

Governance

**Permissionless
Innovation**

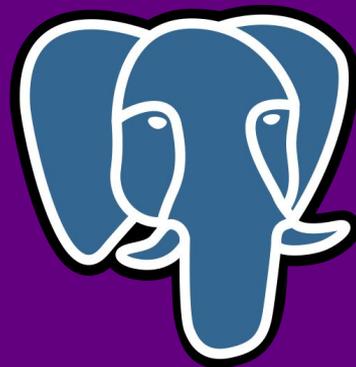
“VillageSQL’s mission is to drive innovation
in the MySQL community”

Solution: Permissionless Innovation



DuckDB

- ✓ 149+ Extensions
- ✓ Multiple channels - Core, Community
- ✓ Examples - parquet, httpfs, spatial, postgres



- ✓ 1000+ Extensions
- ✓ Contrib + Community
- ✓ Examples - pgvector, PostGIS, pg_cron

Extensions vs. Plugins vs. Components

Extensions

- ✓ Custom Types
- ✓ Custom Functions
- ✓ Custom Indexes
- ✓ Outside of MySQL core code base

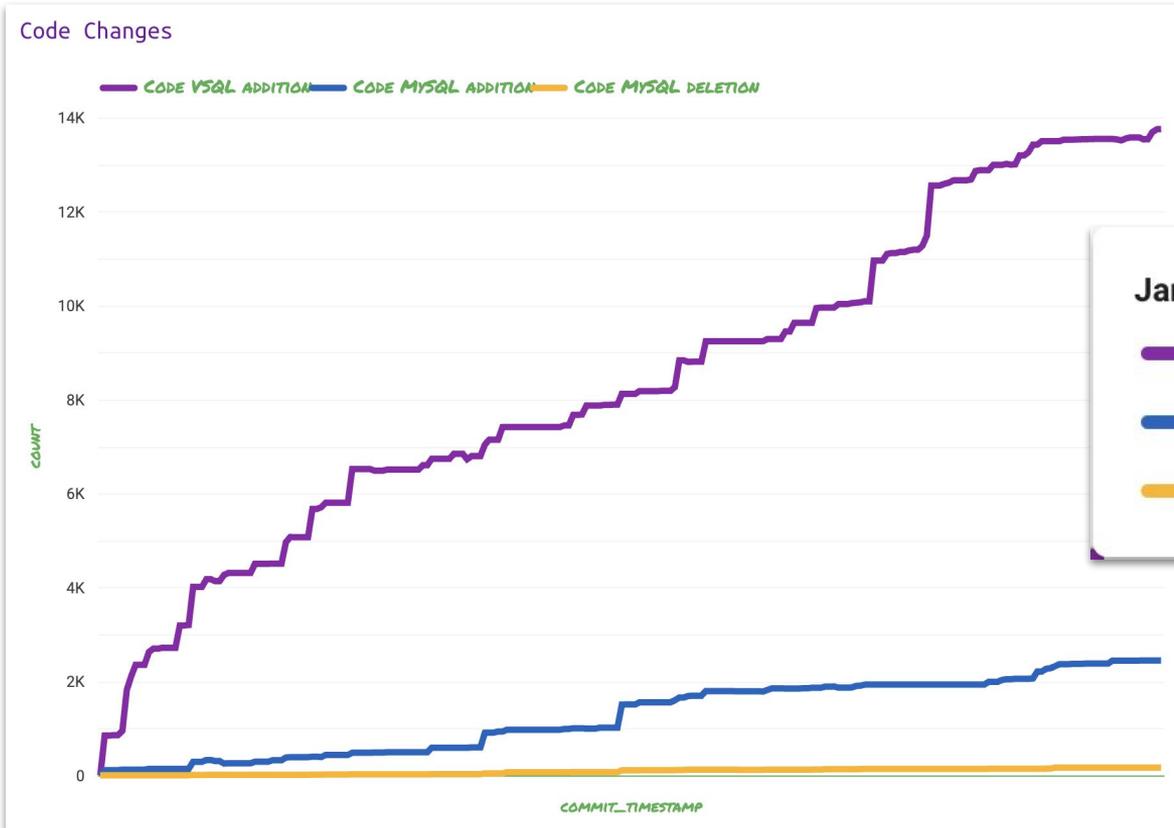
Plugins

- ✓ Custom Functions
- ✗ Custom Types
- ✗ Custom Indexes

Components

- ✓ Custom Functions
- ✗ Custom Types
- ✗ Custom Indexes

How to maintain?



Jan 29, 2026, 10:17:28 PM

Code VSQL addition	13,753
Code MySQL addition	2,446
Code MySQL deletion	166

Preview

Alpha Release

Custom Types

Custom Functions

How to install?

```
MYSQL>INSTALL EXTENSION VSQL_UUID;
```

How to use?

```
CREATE TABLE t1 (  
    id INT PRIMARY KEY,  
    uuid UUID  
);
```

How to use?

```
CREATE TABLE t1 (  
    id INT PRIMARY KEY,  
    uuid VSQL_VECTOR::VECTOR  
);
```

How to structure an extension?

```
example/  
+ src/  
  + example.cc  
+ test/  
  + r/  
  + t/  
+ CMakeLists.txt  
+ Manifest.json
```

Manifest.json

```
{  
  "name": "vsq1_complex",  
  "version": "0.0.1",  
  "description": "VillageSQL extension for COMPLEX numbers",  
  "author": "VillageSQL Community",  
  "license": "GPL-2.0"  
}
```

How to author? (extension.cc)

```
constexpr const char *COMPLEX = "complex";
```

```
VEF_GENERATE_ENTRY_POINTS(make_extension("vsql_complex")  
    .type(make_type(COMPLEX)  
        .persisted_length(16) // 2 doubles  
        .encode(&complex_from_string)  
        .decode(&complex_to_string)  
        .compare(&complex_compare)  
        .build())
```

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        .build())
```

How to author? (extension.cc)

```
VEF_GENERATE_ENTRY_POINTS(make_extension("vsqI_complex")
    .func(make_func("divide")
        .returns(COMPLEX)
        .param(COMPLEX)
        .param(COMPLEX)
        .wrap<&divide_impl>())
```

Future Roadmap

Custom Indexes

Vector Search



Sign up to be notified when we launch:

villagesql.com/signup