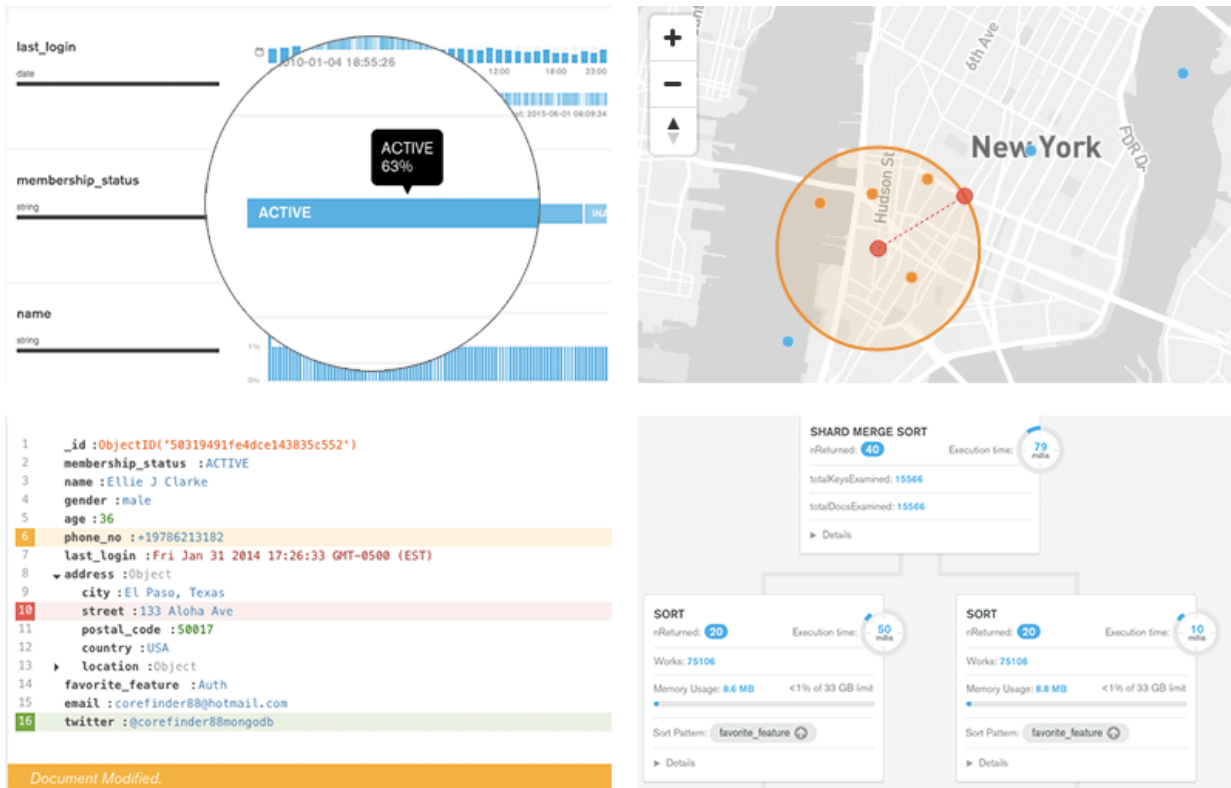# MongoDB Compass: The GUI for MongoDB

MongoDB Compass is a MongoDB GUI for Windows and Mac. It enables you to visually explore your schema and data, build and run ad hoc queries in seconds, ensure data quality, and analyze and optimize performance. MongoDB Compass also features a powerful visual editor designed to streamline your interactions with your data.

Developed by the engineers that build the database, MongoDB Compass makes it easy for DBAs, architects, business analysts, and developers to work with MongoDB – no knowledge of the MongoDB query language is required.

The Best Way to Work with Your MongoDB Data

- **Visualize and Understand.** MongoDB Compass allows you to visualize the schema of your MongoDB data using intelligent sampling, histograms, and a beautiful GUI. Compass gives you quick insights about your data.

- **Explore.** Data exploration with Compass is incredibly simple and intuitive, without writing a line of code. Compass even plots your geospatial data in an interactive map, making it the easiest way to run geospatial queries.

- **Easy Data Updates.** The visual editor provides intuitive visual cues that allow you to modify your data with confidence. Compass is the best way to insert, modify, and delete individual documents on the fly.

- **Debug and optimize.** Understand how your queries are running with Visual Explain Plans, and make more intelligent optimization decisions with key metrics such as real-time server statistics and index utilization.

- **Ensure data quality.** Document validation rules can be created and modified directly using a simple point and click interface. Documents that violate established rules are clearly presented, allowing you to easily leverage Compass's CRUD capabilities to fix data quality issues.

Technical Specifications

Recommended MongoDB Versions

We recommend that you run with MongoDB 3.2+ for optimal sampling performance.

- MongoDB Community Server 2.6+
- MongoDB Enterprise Server 2.6+

Platforms Supported

MongoDB Compasss is a desktop application that connects to your database.

- Windows 64-bit (Windows 7+), required .NET 4.5+
- OS X 64-bit (10.10+)

Security

SSH tunneling can be used to connect securely. All of the following supported authentication mechanisms include optional TLS/SSL to encrypt the connection to your database.

- MongoDB-CR
- SCRAM-SHA-1 (including MongoDB Atlas)
- Kerberos
- LDAP

Learn More

MongoDB Compass is free to use for evaluation and development, and is available as part of the MongoDB Enterprise Advanced or MongoDB Professional subscriptions.

Get in touch with the MongoDB team to learn more or download and try it for free.

We are the MongoDB experts. Over 2,000 organizations rely on our commercial products, including startups and more than a third of the Fortune 100. We offer software and services to make your life easier. For more information, please visit http://www.mongodb.com or contact us at sales@mongodb.com.