MariaDB Comprehensive
Installation, Administration & Usage
Mentored Learning Workshop

Overview

The focus of Mentored Learning workshops is to Mentor/Train IT Professionals by transferring real-world knowledge and aiding in the Development Strategies in the advanced instruction of applicable technologies that are utilized within your environment by your in-house technology teams. Heavy concentration is placed on MariaDB' Best Practices within Installation, Administration, Usage and Troubleshooting as it relates to your environment and industry standards.

Our sessions are facilitated by IT professionals with extensive real-world knowledge (15 year minimum consulting experience) and team driven personalities (5 year minimum training experience) that enable them to successfully transfer their knowledge and experience so that your internal organization can effectively manage and perform day to day tasks and mission critical projects.

The curriculum and mentored framework will include live exercises and demonstrations focusing on heavy participation with your internal staff. The exercises and demonstrations will allow the Mentor and the students to explore, test, and reinforce various theories/topics presented during the engagement.

A list of set-up requirements will be sent to a contracted client at least 3 weeks prior to commencement.

Topics of Expertise for Training Framework

INSTALLATION

- Installation on Linux/Unix
- Installation on Windows
- Installation Testing & Post Installation Troubleshooting
- Applicable Upgrades on Windows
- Installing & Creating Sequences & The Sequence Engine
- MariaDB SQL Injection Protection

ADMINISTRATION

- User Accounts
- Configuration Files
- Administration Commands
- MariaDB Connections
- MariaDB PHP Syntax

DATABASES

- MariaDB Create Database
- MariaDB Drop Database
- MariaDB Select Database
- MariaDB Data Types

TABLES, QUERY & CLAUSE

- MariaDB Create Tables
- MariaDB Drop Tables
- MariaDB Indexes and Statistics Tables
- MariaDB Temporary Tables
- MariaDB Table Cloning
- MariaDB Alter Commands
- MariaDB Insert Query
- MariaDB Select Query
- MariaDB Where Clause
- MariaDB Update Query
- MariaDB Delete Query
- MariaDB Like Clause
- MariaDB Order By Clause

BACKUPS, TRANSACTIONS & DUPLICATES

- MariaDB Backup Methods
- MariaDB Backup Loading Methods
- MariaDB Managing Duplicates
- MariaDB Transactions
- MariaDB Regular Expression

USEFUL FUNCTIONS

- MariaDB Null Values
- MariaDB Aggregate Functions
- MariaDB Age Calculation
- MariaDB String Concatenation
- MariaDB Date/Time Functions
- MariaDB Numeric Functions
- MariaDB String Functions