MySQL Service Center
User's Guide

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1 Welcome to MySQL Service Center!

MySQL Service Center is a multi-functional Win32 GUI utility for MySQL server maintenance and data reservation. MySQL Service Center allows you to create tasks for backing your data into a script, restoring data from a script, analyzing, checking, repairing and optimizing database tables. In addition to these functions, MySQL Service Center provides you with a powerful task scheduler, ability of using scenarios, and other useful features.

Basic MySQL Service Center features

Advanced data reservation
MySQL Service Center allows you to perform **backup** and **restore** operations for both of database structure and data. Because of its advanced internal engine, MySQL Service Center can operate witha remote databaseserver as well as with local one. Another advanced feature of MySQL Service Center is a possibility to backup databases into the script compressed by internal zip archiver. See the Data Reservation section for details.

Easy server maintenance
MySQL Service Center provides you with a possibility to maintain database tables using native MySQL routines. It allows you to **analyze**, **check**, **repair**, and **optimize** MySQL tables. See the Server Maintenance section for details.

Use of tasks and scenarios
All the MySQL Service Center operations are performed by previously created **tasks**. You can create as many tasks as you wish in MySQL Service Center, and each of them will perform its own operation (data backup, data restore, or one of the server maintenance operations). Several tasks can be united in so-called **scenario**, which is intended for sequential execution of tasks. For more details see the Task Management and Scenario Management sections.

Powerful task scheduler
MySQL Service Center has an ability to execute tasks and scenarios by **schedule**. Each task and scenario has individual options, which specify the time for execution, start date, and task repeat options. See the Task Scheduler section for details.

MySQL Service Center agent
MySQL Service Center agent allows you to perform operations with tasks and scenarios directly from Windows system tray. Using the Agent you can execute tasks and scenarios either explicitly or by schedule. See the Using Service Center agent topic for details.

Full customization according to your needs and likings
In MySQL Service Center you can customize the behaviour of the task list, select an user interface scheme and set other preferences. All the options and their meanings are listed within the Options dialog description.

1.1 What's News

07/27/2004 - MySQL Service Center 1.2 released

In this version we have implemented the support of secure protocol for connections to a remote MySQL server. The secure connection is established through the Secure SHell (SSH) tunnel, which is considered as one of the most secure ways to communicate with remote servers over the Internet. Now it is possible to backup and maintain the remote MySQL databases using MySQL Service Center even if MySQL port is blocked at the remote server for security reasons.

Also we have fixed a few minor bugs and added small improvements:

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- we have added a possibility to execute tasks by schedule eternally, i.e. without execution count limit or end date;
- in some cases, MySQL Service Center window did close even if Cancel was pushed in the exit confirmation dialog;
- password settings for tasks could stored incorrectly in some cases. It is fixed now.

06/04/2004 - MySQL Service Center 1.1 released

In this version we have implemented the scenario model ('scenario' is a set of several tasks united for sequential execution). The scenarios are useful if you want to execute or schedule several MySQL services, e.g. you want to check your database, optimize tables, and then backup data on a daily basis - in this case you can create a single scenario instead of creating three separate tasks.

If you wish to add a scenario to the task list, you should have at least one task already added to the program.

04/22/2004 - MySQL Service Center 1.0 released

MySQL Service Center is a multi-functional Win32 GUI utility for MySQL server maintenance and data reservation. MySQL Service Center allows you to create tasks for backing your data into a script, restoring data from a script, analyzing, checking, repairing and optimizing database tables. In addition to these functions, MySQL Service Center provides you with a powerful task scheduler, which allows to execute any task at the specific time.

1.2 System Requirements

Client environment

- Pentium PC or higher;
- Windows 9x/ME/NT4/2000/XP;
- 64 MB RAM (128 MB recommended);
- 5 MB of free hard disk space;
- SVGA-compatible video adapter.

Note: client workstation does not require a client library to be installed for connecting to MySQL server.

Server environment

- MySQL server 3.23.x/4.x/5.0.

1.3 Installation

If you install MySQL Service Center for the first time on your PC:

- Download the MySQL Service Center distribution package from the download page at our site;
- Unzip downloaded file to any local folder, e.g. c:\unzipped;
- Run setup.exe from the local folder and follow the instructions of installation wizard;
- After installation process is completed, find the MySQL Service Center shortcut at corresponding group of the Windows start menu.

If you want to upgrade installed copy of MySQL Service Center to the latest version:

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- Download the MySQL Service Center executable file from the download page at our site;
- Unzip downloaded file to any local folder, e.g. c:\unzipped;
- Exit from MySQL Service Center if it is running;
- Replace previous version of MySQL Service Center by copying unzipped files to the MySQL Service Center folder;
- Run MySQL Service Center using its shortcut at the Windows start menu.

Also you can use the full distribution package to upgrade your current version of MySQL Service Center. In this case, you should repeat the steps you have made for the first-time installation. Note that the full distribution package is quite larger than a single executable file.

1.4 Registration

Thank you for your interest in purchasing of MySQL Service Center!

You can choose licensing options and register MySQL Service Center at its on-line order page. It is possible to purchase on-line, by fax, mail, toll-free phone call, or place a purchase order. We send the software activation key by email within 24 hours after completion of the order process. If you have not received the activation key within this period, please contact our sales department.

Being a registered user of any our product you are granted to get all the upgrades of the product (minor and major) for free of charge within 12 (twelve) months since the purchase date. After this period you may renew your license for the next 12 months with a 30% discount.

Purchasing MySQL Service Center you confirm that you have tested and have been fully satisfied with the current version of the product.

To obtain technical support please visit the appropriate section on our website or contact us by email at support@mysqlmaestro.com.

1.5 License Agreement

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1.6 Getting Started

To start maintaining of MySQL server with MySQL Service Center you should first add a new task using the Add Task Wizard. After the task is added, you can backup your data into a script, restore data from a script, analyze, check, repair, or optimize tables depending on previously selected task type.

- How MySQL Service Center looks after the first starting
- Managing tasks
- Managing scenarios
- Using task list's popup menu
- Executing tasks and scenarios

Enjoy your work with MySQL Service Center!

1.6.1 First time started

This is how MySQL Service Center looks when you start it for the first time. Click the **Add** toolbar button to add a new task using the Add Task Wizard.

1.6.2 Managing tasks

After you have added the required tasks, they appear in the task list. To execute a task, simply select it in the task list and click the **Run** toolbar button. To change the current scheduling settings for selected task, click the **Schedule** toolbar button. To edit settings for selected task, click the **Edit** toolbar button. All of these functions are also available through the task list's popup menu. Depending on default double-click action specified on the Application | Preferences page of the Options dialog, you can use mouse double-clicks for executing, scheduling or editing tasks.

1.6.3 Managing scenarios

The **scenario** is a set of several tasks united for sequential execution. Note that you can add a scenario to the task list only if at least one task is already added there. After the scenario is added, it also appears in the task list. To execute a scenario, simply select it in the task list and click the **Run** toolbar button. To change the current scheduling settings for selected scenario, click the **Schedule** toolbar button. To edit selected scenario settings, click the **Edit** toolbar button. All of these functions are also available through the task list's popup menu. Depending on default double-click action specified on the Application | Preferences page of the Options dialog, you can use mouse double-clicks for executing, scheduling or editing scenarios.

1.6.4 Using popup menu

Popup menu of the task list allows you to add a new task or scenario, make a duplication of selected task of scenario, rename selected task or scenario, edit settings for a task or scenario, change scheduling settings, execute a task or scenario, and delete selected task or scenario.

1.6.5 Executing tasks

MySQL Service Center provides you with three ways for immediate task or scenario execution:

- Select the task or scenario and click the **Run** button on the main toolbar.
- Right-click on the task or scenario and choose the **Run Task** or the **Run Scenario** item from the popup menu.
- Set default double-click action at the Application | Preferences page of the Options dialog to the **Execute task or scenario** and double-click the task or scenario.

To execute task or scenario by schedule specify its scheduling settings during the adding task/scenario process. If you already have got some task or scenario and wish to specify/change its scheduling settings, simply select the task/scenario in the task list and click the **Schedule** toolbar button.

2 Task List

The **task list** is a general feature of MySQL Service Center, which provides you with the ability to manage all the tasks and scenarios added to the program. The **task list** is located at the main window. The following topics describe how to work with tasks and scenarios in the task list.

- Performing task operations
- Performing scenario operations

Task name	Type	Status	Last start time	Last finish time	Last result
localhost:3306					
Backup Test Database	Backup		Never	Never	None
Analyze Test Database	Analyze		08/04/2004 6:15:38 PM	08/04/2004 6:15:38 PM	Success
Repair Test Database	Repair		10/04/2004 6:18:41 PM	10/04/2004 6:18:41 PM	Success
Check Test Database	Check		10/04/2004 6:15:55 PM	10/04/2004 6:15:55 PM	Success
Restore Test Database	Restore		Never	Never	None
Optimize Test Database	Optimize		06/04/2004 6:19:19 PM	06/04/2004 6:19:19 PM	Success
mysql5server:3306					
Optimize all dbdemos	Optimize		Never	Never	None
Backup dbdemos customers ar	Backup		Never	Never	None
Scenarios					
Test backup Scenario	Scenario		06/04/2004 6:19:11 PM	06/04/2004 6:19:11 PM	None
Optimize and Backup dbdemos	Scenario		Never	Never	None

2.1 Performing task operations

MySQL Service Center provides you two ways to perform operations with the tasks: using main toolbar or using task list's popup menu. Both of them has identical abilities and provides you with the following task operations:

- **Add new task**
  Invokes the Add Task Wizard for adding a new task to the task list.
- **Copy task**
  Makes a copy of an existing task and adds it to the task list.
- **Edit task**
  Invokes the Edit Task dialog containing the common task options.
- **Edit connection properties**
  Allows you to define the connection properties such as host name and user name.
- **Delete task**
  Deletes currently selected task from the task list.
- **Run task**
  Executes a task currently selected in the task list.
- **Schedule task**
  Allows you to specify the options for executing a task by schedule.
- **Enable or disable task or group of tasks**
  Allows you to enable or disable task execution by schedule.
- **Rename task**
  Changes the name of currently selected task.

See also:

- Performing scenario operations

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2.2 Performing scenario operations

The **scenario** is a set of several tasks united for sequential execution. MySQL Service Center provides you two ways to perform operations with scenarios in the task list: using main toolbar or using task list's popup menu. Both of them has identical abilities and provides you with the following scenario operations:

- **Add new scenario**
  Invokes the Add Scenario Wizard for adding a new scenario to the task list.
- **Copy scenario**
  Makes a copy of an existing scenario and adds it to the task list.
- **Edit scenario**
  Invokes the Edit Scenario dialog containing the list of tasks included in scenario.
- **Delete scenario**
  Deletes currently selected scenario from the task list. Tasks included in the scenario stay in task list.
- **Run scenario**
  Executes a scenario currently selected in the task list.
- **Schedule scenario**
  Allows you to specify the options for executing a scenario by schedule.
- **Enable or disable scenario or group of scenarios**
  Allows you to enable or disable scenario execution by schedule.
- **Rename task**
  Changes the name of currently selected scenario.

See also:

- Performing task operations

3 Data Reservation

MySQL Service Center provides you with a powerful data reservation features. The most important feature of MySQL Service Center is that it does not use the commands for data backing and restoring provided by MySQL server, but use its own engine for these purposes. This fact allows you to backup and restore databases located either remotely or locally. MySQL Service Center does backup data into SQL script with the option to compress it with zip, and restores data back from either compressed script or not. For more information about data reservation in MySQL Service Center see the following topics:

- Data backup
- Data restore

3.1 Data backup

This tool allows you to back up database structure or/and data from remote or local MySQL database to SQL script with optional possibility to compress it by internal zip archiver. If you wish to backup structure or/and data from MySQL database, you should create a new task specified as the backup

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task in the Add Task Wizard. After the task is added you can execute it explicitly or set its options to execute it by schedule. To restore data from the script back to MySQL database please use the data restore feature.

See also:

- Task Management
- Data restore

3.2 Data restore

MySQL Service Center provides a possibility to restore database structure or/and data from SQL script, either compressed with zip or uncompressed. This feature is intended as the reverse operation for the data backup feature. If you wish to restore structure or/and data from the script back to MySQL database, you should create a new task specified as the restore task in the Add Task Wizard. After the task is added, you can execute it explicitly or set its options to execute it by schedule.

See also:

- Task Management
- Data backup

4 Server Maintenance

MySQL Service Center provides you with a possibility of using four operations for MySQL server maintenance. The maintenance features performs the following operations with MySQL tables:

- **Analyzing tables**
  Analyses and stores the key distribution for the table(s). During the analysis, the table is locked with a read lock. This works for **MyISAM** and **BDB** tables.

- **Checking tables**
  Checks the table(s) for errors. For MyISAM tables the key statistics are updated. This works only for **MyISAM** and **InnoDB** tables.

- **Repairing tables**
  Repairs the corrupted table(s). This works only for **MyISAM** tables.

- **Optimizing tables**
  Reclaims the unused space and defragments the datafile for the table(s) with variable-length rows. This works for **MyISAM** and **BDB** tables.

4.1 Analyzing tables

MySQL Service Center provides you with a feature that analyses and stores the key distribution for the tables. This feature is identical with running **myisamchk -a** for the table. If you wish to be able to perform this operation with your tables, you should create a new task specified as the analyze task in the Add Task Wizard. After the task is added, you can execute it explicitly or set its options to execute it by schedule.

Note: This feature works only for **MyISAM** and **BDB** tables.

See also:

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- Checking tables
- Reparing tables
- Optimizing tables
- Task Management

4.2 Checking tables

MySQL Service Center provides you with a feature that checks the tables for errors and if the tables are of MyISAM type, updates the key statistics for them. This feature is identical with running **myisamchk -m** for the table. If you wish to be able to perform this operation with your tables, you should create a new task specified as the check task in the Add Task Wizard. After the check task is added, you can execute it explicitly or set the options to execute it by schedule.

Note: This feature works only on **MyISAM** tables.

See also:

- Analyzing tables
- Reparing tables
- Optimizing tables
- Task Management

4.3 Repairing tables

MySQL Service Center provides you with a feature that repairs the corrupted tables. This feature is identical with running **myisamchk -o** or **myisamchk --safe-recover** depending on the specified options. If you wish to be able to perform this operation with your tables, you should create a new task specified as the repair task in the Add Task Wizard. After the task is added, you can execute it explicitly or set its options to execute it by schedule.

Note: This feature works only for **MyISAM** and **InnoDB** tables.

See also:

- Analyzing tables
- Checking tables
- Optimizing tables
- Task Management

4.4 Optimizing tables

MySQL Service Center provides you with a feature that reclaims the unused space and defragments the datafile for the tables. This feature should be used if you have deleted a large part of a table or if you have made many changes to a table with variable-length rows. This feature is identical with running **myisamchk --quick --check-only-changed --sort-index --analyze** for the table. If you wish to be able to perform this operation with your tables, you should create a new task specified as the optimize task in the Add Task Wizard. After the task is added, you can execute it explicitly or set its options to execute it by schedule.

Note: This feature works only for **MyISAM** and **BDB** tables.

See also:

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- Analyzing tables
- Checking tables
- Repairing tables
- Task Management

5 Task Management

The **task** is a basic entity of MySQL Service Center. If you wish to perform some operation with MySQL server, you should create a new task using the Add Task Wizard first. MySQL Service Center allows you to perform the following operations:

- Adding a new task
- Editing a task
- Changing scheduler options for a task
- Changing connection properties for a task
- Executing a task
- Deleting a task

See also:

- Task List
- Scenario Management

5.1 Adding new task

The **Add Task Wizard** guides you through the process of adding a new task to the task list. See How to add new task to learn how to open this wizard.

- Setting connection properties for a new task
- Choosing task type
- Selecting tables for a task
- Setting backup options
- Setting scheduler options

See also:

- Adding new scenario

5.1.1 Setting connection properties

Specify the options described below for connecting to MySQL server.

Host name
Name or IP address of MySQL host (e.g. localhost).

Port number
TCP port number for connecting MySQL server (by default 3306).

User name
User name to login to MySQL .

Password
Password to login to MySQL server.

☑ **Connect through the Secure SHell (SSH) tunnel**
Check this option to establish connection to intermediate SSH server before connecting to a database and forward all MySQL commands through the secure tunnel.

SSH host name
Specifies a name or IP address of SSH server host.

SSH port
TCP port number for connecting SSH server (by default 22).

SSH user name
User name to login to Secure SHell.

SSH password
Password to login to Secure SHell.

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Note that MySQL host name always should be set relatively to the SSH server. For example, if both of MySQL and SSH servers are located on the same computer, you should specify *localhost* as **Host name** instead of server's external host name or IP address.

5.1.2 Choosing task type

Choose the type for a new task described below.

Backup
Choose this option if you wish to backup MySQL data.

Restore
Choose this option if you wish to restore MySQL data previously saved by the backup task.

Analyze
Choose this option if you wish to analyze database tables.

Check
Choose this option if you wish to check database tables.

Repair
Choose this option if you wish to repair corrupted database tables.

Optimize
Choose this option if you wish to optimize database tables.

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5.1.3 Selecting tables

Select tables for a task by moving them from the **Available tables** list to the **Selected tables** one. If the backup task type has been chosen, two similar screens will appear in the wizard: for backing database structure and for backing data.

5.1.4 Setting backup options

Specify the options for backing structure, for backing data, and compression options.

5.1.5 Setting scheduler options

Customize the scheduler options according to your needs. Check the **Execute task after adding option** to execute the task by clicking on the **Ready** button.

5.2 Editing task

The **Edit Task dialog** allows you to edit all the properties of the task depending on its type. See How to edit task to learn how to open this dialog.

- Editing backup task
- Editing restore task
- Editing analyze task
- Editing check task
- Editing repair task
- Editing optimize task

See also:

- Editing scenario

5.2.1 Editing backup task

The **Edit Task dialog** allows you to edit all the properties of the backup task.

5.2.2 Editing restore task

The **Edit Task dialog** allows you to edit all the properties of the restore task.

5.2.3 Editing analyze task

The **Edit Task dialog** allows you to edit all the properties of the analyze task.

5.2.4 Editing check task

The **Edit Task dialog** allows you to edit all the properties of the check task.

5.2.5 Editing repair task

The **Edit Task dialog** allows you to edit all the properties of the repair task.

5.2.6 Editing optimize task

The **Edit Task dialog** allows you to edit all the properties of the optimize task.

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5.3 Changing scheduler options

The **Scheduler Options dialog** allows you to customize options for executing the task by schedule. See How to schedule task to learn how to open this dialog.

5.4 Changing connection properties

The **Edit Connection Properties dialog** allows you to specify task properties intended for connecting to MySQL server. See How to set task connection properties to learn how to open this dialog.

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Host name
Name or IP address of MySQL host (e.g. localhost).

Port number
TCP port number for connecting MySQL server (by default 3306).

User name
User name to login to MySQL .

Password
Password to login to MySQL server.

☑ **Connect through the Secure SHell (SSH) tunnel**
Check this option to establish connection to intermediate SSH server before connecting to a database and forward all MySQL commands through the secure tunnel.

SSH host name
Specifies a name or IP address of SSH server host.

SSH port
TCP port number for connecting SSH server (by default 22).

SSH user name
User name to login to Secure SHell.

SSH password
Password to login to Secure SHell.

Note that MySQL host name always should be set relatively to the SSH server. For example, if both of MySQL and SSH servers are located on the same computer, you should specify *localhost* as **Host name** instead of server's external host name or IP address.

5.5 Executing task

To execute a task in MySQL Service Center, you should perform one of the following operations:

- Select the task and click the **Run** button on the main toolbar.
- Right-click the task and choose the **Run Task** item from the popup menu.
- Set default double-click action at the Application | Preferences page of the Options dialog to the **Execute task or scenario** value, and double-click the task.

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5.6 Deleting task

To delete a task from the task list, you should perform one of the following operations:

- Select the task and click the **Delete** button on the main toolbar or press the **Del** key.
- Right-click the task and choose the **Delete Task** item from the popup menu.

6 Scenario Management

The **scenario** is a set of several tasks united for sequential execution. If you wish to add a scenario to the task list, you should have at least one task already added to the program. MySQL Service Center allows you to perform the following operations:

- Adding a new scenario
- Editing a scenario
- Changing scheduler options for a scenario
- Executing a scenario

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- Deleting a scenario

See also:

- Task List
- Task Management

6.1 Adding new scenario

The **Add Scenario Wizard** guides you through the process of adding a new scenario to the task list. See How to add new scenario to learn how to open this wizard.

- Setting the name for a new scenario
- Selecting tasks for a scenario
- Setting scheduler options

See also:

- Adding new task

6.1.1 Setting name

Specify the name for a new scenario.

6.1.2 Selecting tasks

Select tasks for a scenario by moving them from the **Available tasks** list to the **Selected tasks** one.

6.1.3 Setting scheduler options

Customize the scheduler options according to your needs.

6.2 Editing scenario

The **Edit Scenario dialog** allows you to add new tasks to the scenario or remove needless ones from the scenario. See How to edit scenario to learn how to open this dialog.

6.3 Changing scheduler options

The **Scheduler Options dialog** allows you to customize options for executing the scenario by schedule. See How to schedule scenario to learn how to open this dialog.

6.4 Executing scenario

To execute a scenario in MySQL Service Center you should perform one of the following operations:

- Select the scenario and click the **Run** button on the main toolbar.
- Right-click the scenario and choose the **Run Scenario** item from the popup menu.
- Set default double-click action on the Application | Preferences page of the Options dialog to the **Execute task or scenario** value, and double-click the scenario.

6.5 Deleting scenario

To delete a scenario from the task list you should perform one of the following operations:

- Select the scenario to delete and click the **Delete** button on the main toolbar or press the **Del** key.
- Right-click the scenario and choose the **Delete Scenario** from the popup menu.

7 Task Scheduler

MySQL Service Center provides you with an ability of executing tasks and scenarios by schedule. Each task and scenario has individual options, which specify the time for execution, start date, and task repeat options.

- Scheduling tasks
- Using Service Center agent

7.1 Scheduling tasks

The **Scheduler Options** dialog allows you to specify options for executing task or scenario by schedule. See How to schedule task or scenario to learn how to open this dialog.

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7.2 Using Service Center agent

MySQL Service Center allows you to execute tasks by schedule in background mode using MySQL Service Center agent. When you exit from MySQL Service Center at first time, you can choose either to exit the application completely or to minimize the application to system tray and keep the scheduler in active state. If you have got at least one task or scenario, which should be executed by schedule, it is recommended not to exit from application completely, but choose the option to minimize MySQL Service Center to system tray. In this case, MySQL Service Center agent remains active and all the scheduled tasks and scenarios will be executed at specified time in background mode.

Check the **Run agent at system startup** option to launch MySQL Service Center agent during Windows startup.

8 MySQL Service Center Options

The **Options** dialog allows you to adjust various MySQL Service Center options i.e. customize the confirmation dialog options, program appearance, and many more.To open the Options dialog click the **Options** button on the program toolbar.

The Options dialog provides the following option categories, which correspond to the dialog tabs:

Application
General MySQL Service Center options: default double-click action, confirmations, agent options, and more.

Appearance
Customizing program interface - bars, trees, menus, etc.

8.1 Application

The **Application** tab of the Options dialog allows you to customize general MySQL Service Center options. To open this dialog click the **Options** button on the main toolbar.

- Preferences
- Confirmations

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8.1.1 Preferences

Default double-click action
Specifies the default action when you double-click a task or a scenario in the task list.

Run at system startup
Forces MySQL Service Center to be started at Windows startup.

Retrieve list of available databases from server
If this option is on, enables retrieving the list of databases currently available on MySQL server. Uncheck this option if the Show Databases command is restricted on your MySQL server for security reasons.

8.1.2 Confirmations

Confirm deletion of task or scenario
If this option is on, the program requires confirmation each time you want to delete a task or scenario.

Confirm deletion of task included in scenario
If this option is on, the program requires confirmation each time you want to delete a task from scenario.

Confirm abort of the add task process
If this option is on, the program asks you to confirm abort of the adding task process.

Confirm abort of the add scenario process
If this option is on, the program asks you to confirm abort of the adding scenario process.

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Confirm exit from application
If this option is on, the program requires confirmation when you want to exit MySQL Service Center.

Default exit action
Specifies what action should be performed by default when the application closes.

8.2 Appearance

The **Appearance** tab of the Options dialog allows you to customize the application interface style to your liking. To open this dialog click the **Options** button on the main toolbar.

Use the **Scheme Name** combo box to select the interface scheme you like: Office XP style, Windows XP native style, etc.
You can also create your own interface schemes by customizing any visual options you like on the appropriate tabs (**Bars and menus** , **Trees and lists** , **Edit controls** , **Check boxes** , **Buttons**, etc.) and clicking the **Save As** button.

All the customizing you make is displayed on the sample panel.

- Bars and menus
- Trees and lists
- Edit controls
- Check boxes
- Buttons
- Page controls
- Group boxes
- Splitters

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8.2.1 Bars and menus

Use the **Bars and menus** tab to customize MySQL Service Center toolbars style and menu animation.

8.2.2 Trees and lists

Use the **Trees and lists** tab to select various tree view options.

8.2.3 Edit controls

Use the **Edit controls** to customize the appearance of different MySQL Service Center edit controls.

8.2.4 Check boxes

The **Check boxes** tab allows you to customize the appearance of check boxes and radio buttons.

8.2.5 Buttons

Use the **Buttons** tab to customize MySQL Service Center buttons.

8.2.6 Page controls

The **Page controls** tab allows you to customize the style of all the MySQL Service Center page controls.

8.2.7 Group boxes

Use the **Group boxes** tab to customize all the MySQL Service Center group boxes according to your liking.

8.2.8 Splitters

Use the **Splitters** tab to customize all the MySQL Service Center splitters according to your liking.

9 How To...

Add New Task

To add a new task to the task list:

- choose the **Add Task...** item from the Add button's or task list's popup menu;
- follow the steps of the Add Task Wizard.

Add New Scenario

To add a new scenario to the task list:

- choose the **Add Scenario...** item from the Add button's or task list's popup menu;
- follow the steps of the Add Scenario Wizard.

Note: At least one task must be added before adding a new scenario.

Edit Task

To edit task properties:

- right-click the task at the task list;
- choose the **Edit Task...** item from the task list's popup menu;
- edit options in the appeared dialog and click the **OK** button when done.

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Edit Scenario

To edit scenario properties:

- right-click the scenario at the task list;
- choose the **Edit Scenario...** item from the task list's popup menu to invoke the corresponding dialog;
- edit options and click the **OK** button when done.

Schedule Task or Scenario

To schedule a task or scenario:

- select the task or scenario at the task list;
- click the Schedule toolbar button to invoke the Scheduler Options dialog;
- edit options and click the **OK** button when done.

Set Task Connection Properties

To set the connection properties for a task:

- right-click the task at the task list;
- choose the **Edit Connection Properties...** item from the popup menu to invoke the corresponding dialog;
- edit connection properties and click the **OK** button when done.

9.1 Add new task

Add New Task

To add a new task to the task list:

- choose the **Add Task...** item from the Add button's or task list's popup menu;
- follow the steps of the Add Task Wizard.

9.2 Add new scenario

Add New Scenario

To add a new scenario to the task list:

- choose the **Add Scenario...** item from the Add button's or task list's popup menu;
- follow the steps of the Add Scenario Wizard.

Note: At least one task must be added before adding a new scenario.

9.3 Edit task

Edit Task

To edit task properties:

- right-click the task at the task list;

- choose the **Edit Task...** item from the task list's popup menu to invoke the corresponding dialog;
- edit options and click the **OK** button when done.

9.4 Edit scenario

Edit Scenario

To edit task properties:

- right-click the scenario in the task list;
- choose the **Edit Scenario...** item from the task list's popup menu to invoke the corresponding dialog;
- edit options and click the **OK** button when done.

9.5 Schedule task or scenario

Schedule Task or Scenario

To schedule a task or scenario:

- select the task or scenario at the task list;
- click the Schedule toolbar button to invoke the Scheduler Options dialog;
- edit options and click the **OK** button when done.

9.6 Set task connection properties

Set Task Connection Properties

To set the connection properties for a task:

- right-click the task at the task list;
- choose the **Edit Connection Properties...** item from the popup menu to invoke the corresponding dialog;
- edit connection properties and click the **OK** button when done.

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