



Process Monitor Client

Administrator Manual

Software Version 1.0.0



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Preface

The *Process Monitor Client* is a tool to query the current process list from the *Process Monitor Collector*. Simple or complex filters can be added to reduce the shown processes to a defined list. There is also an option to automatically refresh the list after a given interval.

Features

- Simple user interface.
- Filter system to create simple or complex filters filtering according to many different attributes.
- Automatically refresh the process list at a given interval.

See Also

The application is using the *Configuration B system* for the configuration. To understand all aspects of the configuration, it is recommended to read the document “*Configuration B — Administrator Manual*”. You should get this document along with this manual.

Configuration

The configuration of this application is based on “*Configuration B*” and is supporting all features of this system. The configuration is stored in the file “`configuration.xml`” which is placed in the program directory beside the executable, but can also be placed in any of the searched directories to be more OS compliant. Read the “*Configuration B*” manual, section “Files and Locations” for details.

Illustration 1 on page 8 shows the structure of the application configuration. The following sections describe each value of the configuration in detail.

host

This required value is the host name or *IP* address of the server where the process monitor collector service is running.

port

This optional value sets the port where the client tries to connect to the process monitor collector. If you omit this value, the default port 17691 is used.

apiKey

This has to be a valid *API* key to access the process data.

apiSecret

This has to be a valid *API* secret to access the process data. Always encode the secret using the *EducateIT Password Encoder* tool to increase the difficulty to extract the secret from the configuration.

Encode Passwords!

Always encode your passwords using the *EducateIT Password Encoder* tool.

Module	Application
Value	apiKeyString
Constraints	Must not be empty.
Value	apiSecretPassword
Constraints	Must not be empty.
Value	hostString
Constraints	Must not be empty.
Value	portOptionalInteger
Constraints	- Minimum value: 1 - Maximum value: 65535
Default	17691

Illustration 1 The Application module for the application.

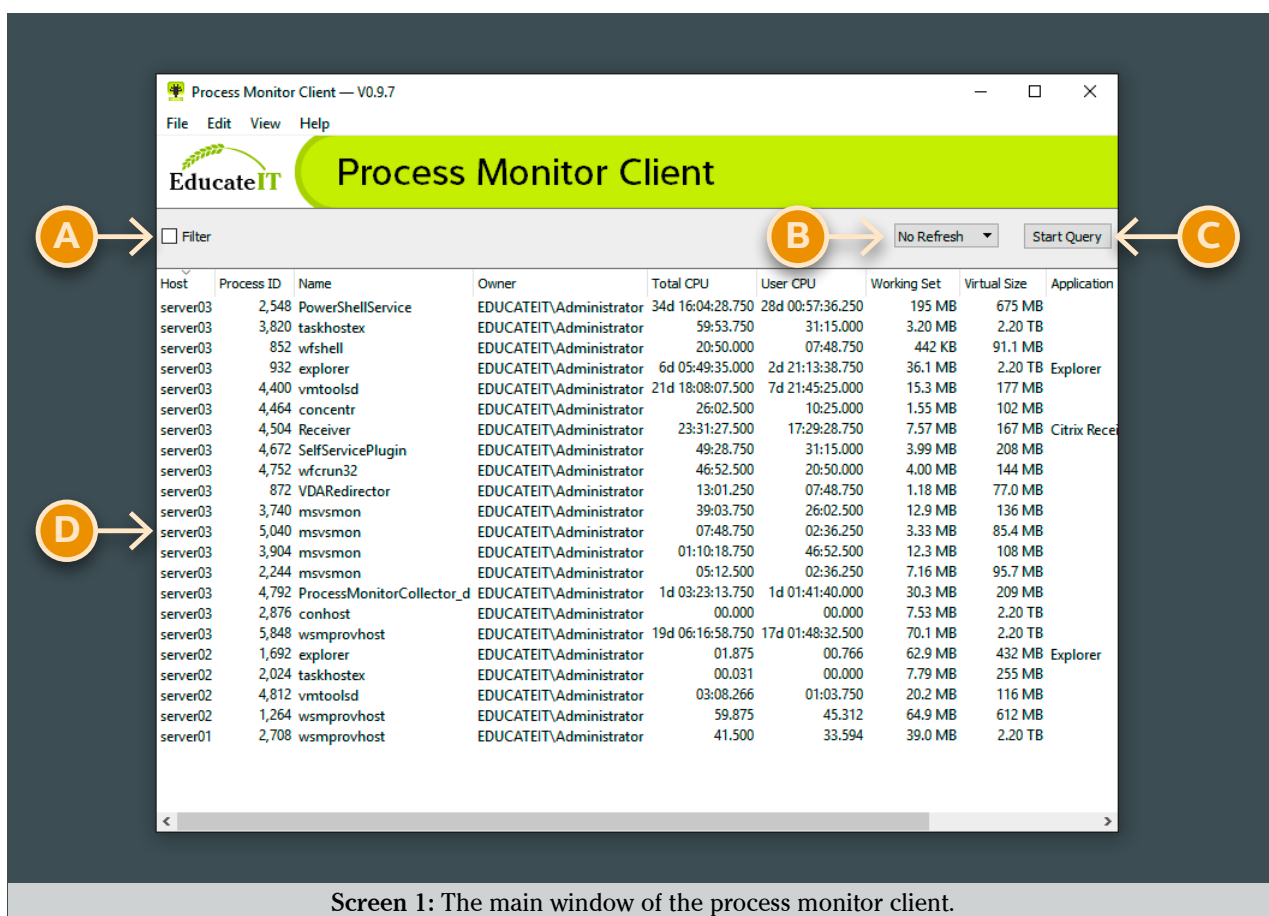
Usage

If you start the process monitor client, it first tries to connect to the process monitor collector service. This initial connection is very fast and usually you will not notice the connection process. An error message is displayed if the client can not connect to the service.

The Main Window

See [Screen 1 on page 9](#) for an illustration of the main windows of the client. The window is divided into a control area on the top and the content area **D** at the middle where a list of processes is displayed.

A click on the “Start Query” button **C** will request the current list of processes from the process monitor collector service. You can activate an automatic refresh of the process list, using the refresh drop down **B**.



Screen 1: The main window of the process monitor client.

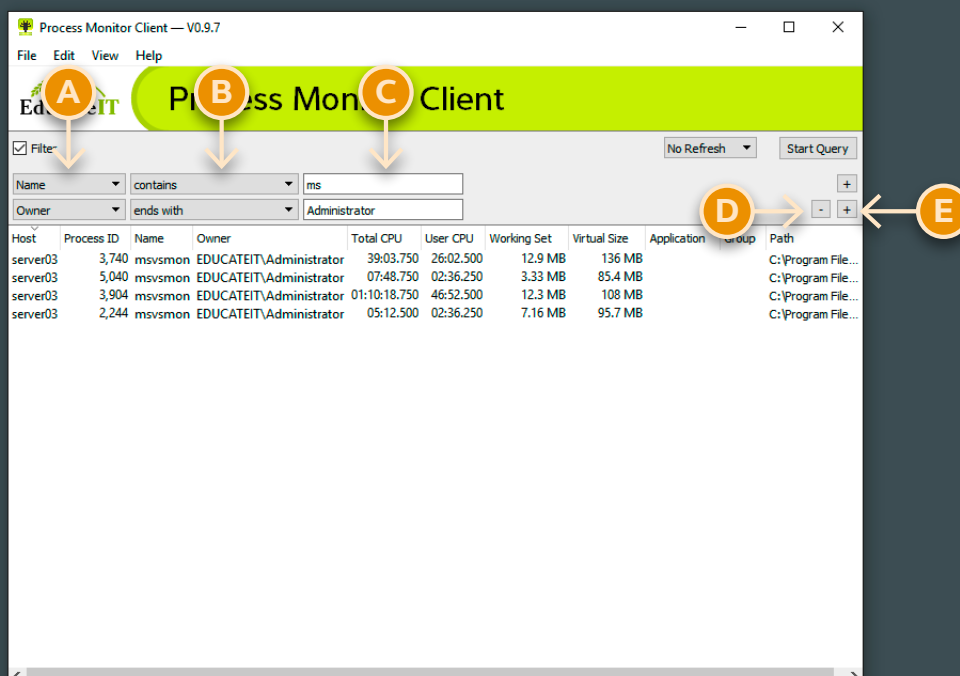
By default the process list is not filtered. The number of displayed processes is limited. This limit depends on the setup, but is somewhere above 1000 entries.

To create a filter, check the filter check box **A**. This will extend the control area with an initial filter row.

Filter Rows

Each filter row consists of the field name **A**, an operation **B** and the value **C** for the filter. The available operations depend on the type of the selected field.

Click on the “+” button **E** to add an additional row, or click on the “-” button **D** to remove a filter row. Each row has to match for the displayed result. Press again on the “Start Query” button to filter the processes with the current filter.



Screen 2: The control area with enabled process filter.

Keyboard Shortcuts

The following Table contains a list of useful keyboard shortcuts for the process monitor client.

Shortcut	Description
F5	Start a new query or reload the current process list.
Ctrl+E	Enable or disable the filter.
Return	Starts a new query if pressed in a filter value field.
Ctrl+0	Disables auto refresh.
Ctrl+1-5	Enabled auto refresh with different delays.
Ctrl+C	Copy the selected text into the clipboard.
Ctrl+X	Cut the selected text into the clipboard.
Ctrl+V	Paste text from the clipboard at the current cursor position.
Ctrl+Q	Quit the application.



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