



# Process Monitor Analysis

## Administrator Manual

Software Version 1.0.0



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**Process Monitor Analysis – Administrator Manual**

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# Preface

The *Process Monitor Analysis* is a tool to analyse the history data gathered by the *Process Monitor Collector*.

## Features

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- Simple step by step user interface.
- A wide set of predefined analyses.
- Export of the analysis result into a comma separated list file.

## See Also

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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.



# Usage

The following sections describe each page of the Process Monitor Analysis tool in detail.

## The Welcome Page

After starting the tool you see the welcome page (See [Screen 1 on page 7](#)). There is a basic layout which is consistent through the whole analyse process.

The page bar **A** displays the title of the current page. On the right side is a line with dots showing the total number of pages, the green dot marks the current page.

The content area **B** in the middle of the window changes depending on the current page.

At the bottom is the action bar **C** with different buttons for the current available actions. The action button **D** is the most impor-



tant button, clicking this button will let you advance through the whole analysis process.

You can always click the “Back” button to return to the previous page, or click the “Reset” button to start from the first page.

If you click on “Open Database...” you have to select a database file which was generated by the *Process Monitor Collect* service. The database is checked and if there are no problems, the analysis selection page is displayed.

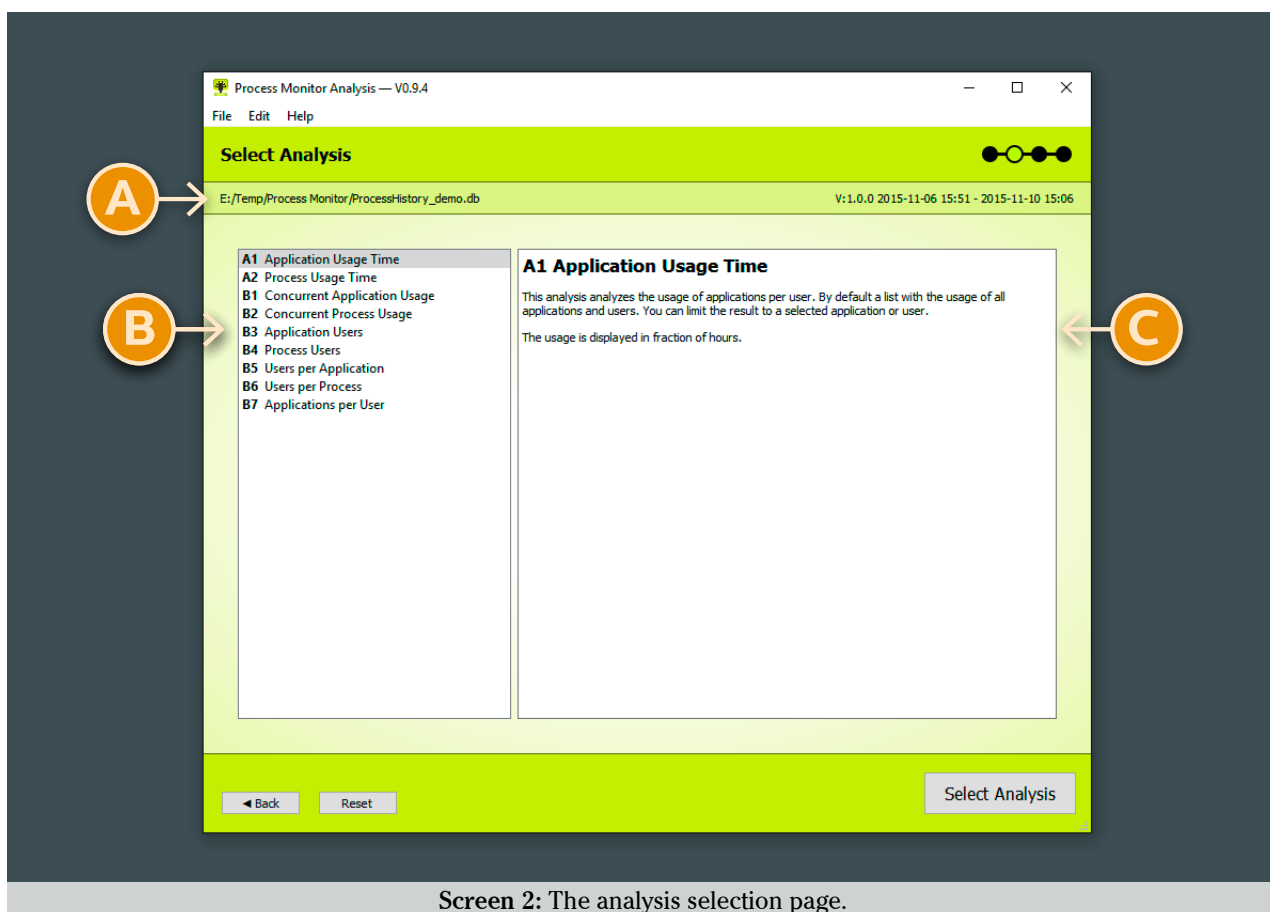
## Analysis Selection Page

The analysis selection page (See [Screen 2 on page 8](#)) shows a list of analyses which can be started for the current database.

Below the page bar, the database bar **A** is added. This bar shows the path to the currently used database on the left side. On the right side, the time range of the records in the selected database is displayed.

There is the list of analyses **B** on the left side of the content area. Each analysis has a code, like “A1”, “B3”, etc. This code helps to identify the right analysis for a task.

The selected analysis is explained in the description area **C** on the right side of the content area.



Screen 2: The analysis selection page.

Press the “Select Analysis” button to select the analysis and go to the edit parameter page.

## Edit Parameter Page

The edit parameter page (See [Screen 3 on page 9](#)) is showing all available parameter **B** for the selected analysis. The number and kind of parameter depends on the selected analysis.

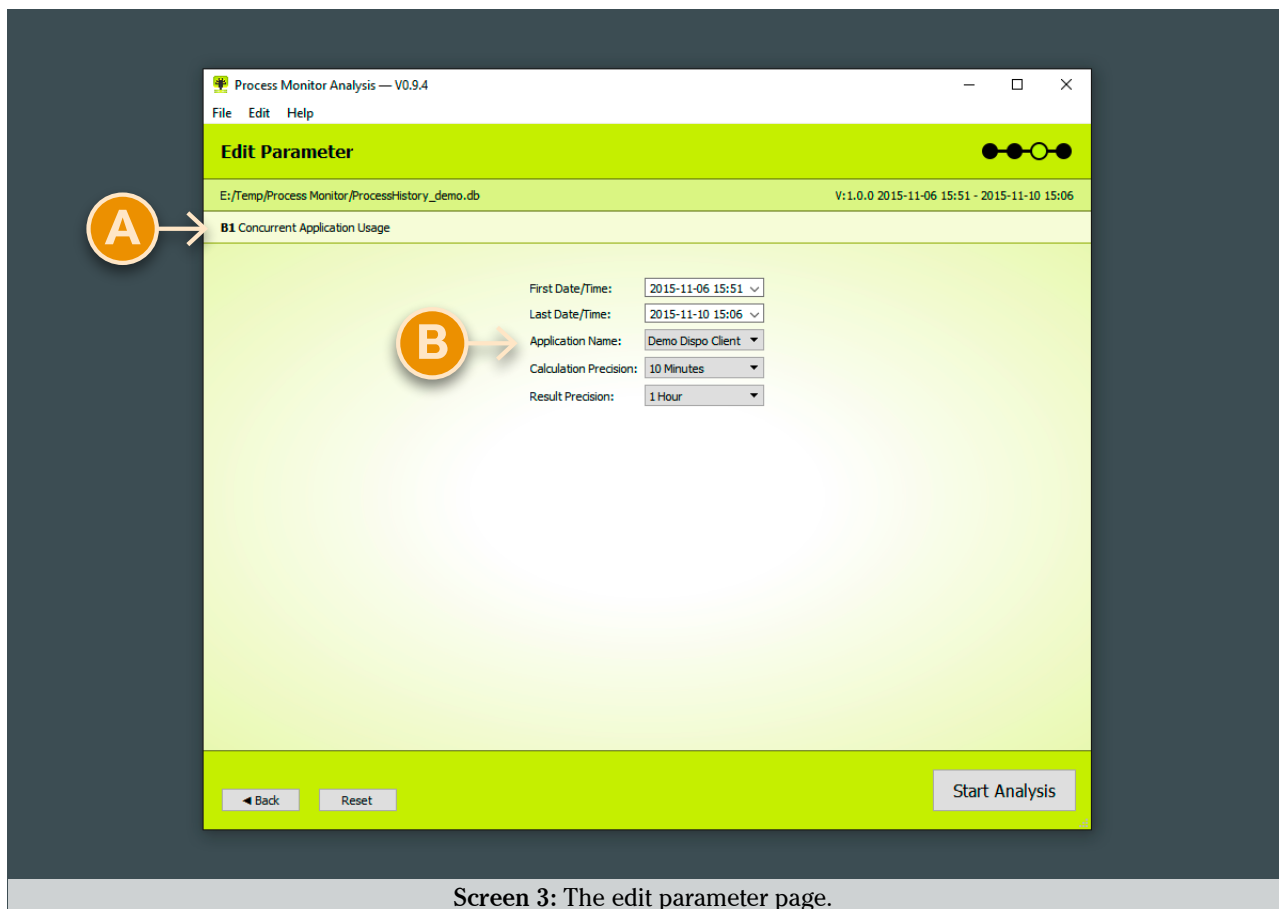
There is a new analysis bar **A** displayed below the database bar, which is showing the name and code of the selected analysis.

If you click the “Start Analysis” button, the analysis is started and on success, the result page is displayed.

## The Result Page

The result page shows a table with the result of the selected analysis (See [Screen 4 on page 10](#)). You can scroll through the values to get an overview of the result.

If you click the “Export Result...” button, you have to select a folder and file name to export the result as comma separated list. The encoding of the file is *UTF-8* with *CRLF* line endings. You can easily open this file with any spreadsheet application like *Microsoft Excel*, *Apple Numbers* or *OpenOffice Calc*.

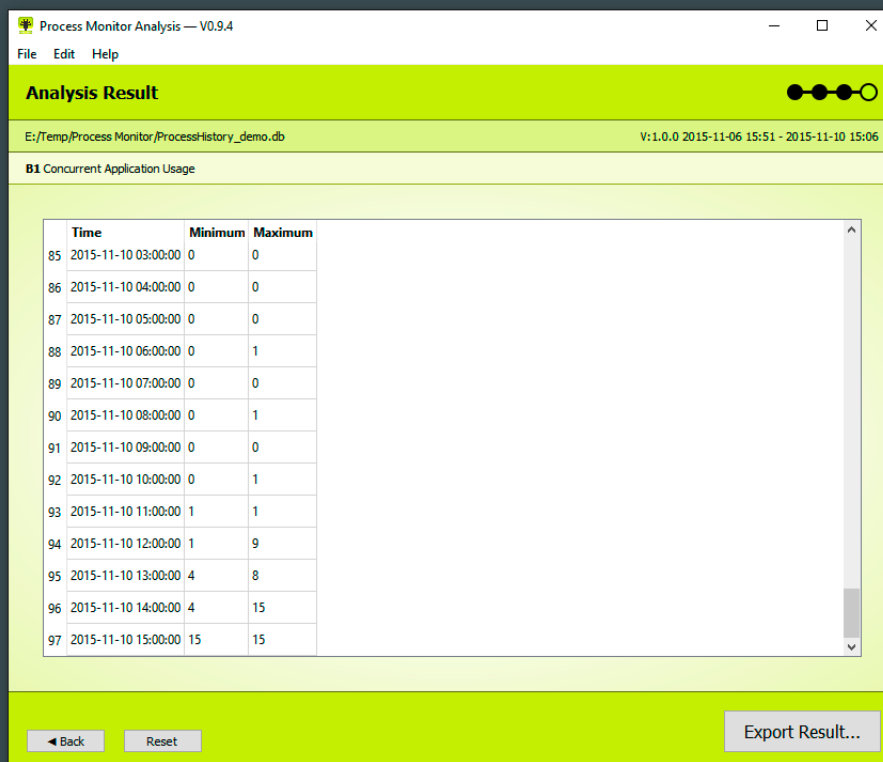


## Differences of Display and Export

Be aware the export format may be different from the format displayed in the tool. The data displayed in the analysis tool is formatted for human readability.

Therefore a fraction of hours is for example displayed as “0.52 Hours”, but you will find a number like “0.52893842” in the exported file. The same is true for many other values, you will always get a raw value with the highest possible precision in the export.

There is also a display limit for the number of rows. Maximum 1000 rows are displayed in the analysis tool, but the export will always contain all lines of the result.



Process Monitor Analysis — V0.9.4

File Edit Help

**Analysis Result**

E:/Temp/Process Monitor/ProcessHistory\_demo.db V:1.0.0 2015-11-06 15:51 - 2015-11-10 15:06

**B1 Concurrent Application Usage**

|    | Time                | Minimum | Maximum |
|----|---------------------|---------|---------|
| 85 | 2015-11-10 03:00:00 | 0       | 0       |
| 86 | 2015-11-10 04:00:00 | 0       | 0       |
| 87 | 2015-11-10 05:00:00 | 0       | 0       |
| 88 | 2015-11-10 06:00:00 | 0       | 1       |
| 89 | 2015-11-10 07:00:00 | 0       | 0       |
| 90 | 2015-11-10 08:00:00 | 0       | 1       |
| 91 | 2015-11-10 09:00:00 | 0       | 0       |
| 92 | 2015-11-10 10:00:00 | 0       | 1       |
| 93 | 2015-11-10 11:00:00 | 1       | 1       |
| 94 | 2015-11-10 12:00:00 | 1       | 9       |
| 95 | 2015-11-10 13:00:00 | 4       | 8       |
| 96 | 2015-11-10 14:00:00 | 4       | 15      |
| 97 | 2015-11-10 15:00:00 | 15      | 15      |

◀ Back Reset Export Result...

Screen 4: The result page.





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