

**doc/VMMTools**

<b>COLLABORATORS</b>
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	<i>TITLE :</i> doc/VMMTools		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY		December 8, 2024	

<b>REVISION HISTORY</b>
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NUMBER	DATE	DESCRIPTION	NAME

# Contents

<b>1</b>	<b>doc/VMMTools</b>	<b>1</b>
1.1	VMM/doc/VMMTools.guide . . . . .	1
1.2	VMM/doc/VMMTools.guide/VMUsage . . . . .	1
1.3	VMM/doc/VMMTools.guide/VMUsageCLI . . . . .	1
1.4	VMM/doc/VMMTools.guide/VMMStat . . . . .	1
1.5	VMM/doc/VMMTools.guide/ReadMMUConfig . . . . .	2
1.6	VMM/doc/VMMTools.guide/ConvVMMCfg . . . . .	2
1.7	VMM/doc/VMMTools.guide/ShowPageSize . . . . .	2

## Chapter 1

# doc/VMMTools

### 1.1 VMM/doc/VMMTools.guide

The following tools are available for use with VMM:

```
VMUsage
VMUsageCLI
VMMStat
ReadMMUConfig
ConvVMMCfg
ShowPageSize
```

### 1.2 VMM/doc/VMMTools.guide/VMUsage

VMUsage

VMUsage opens a window to display the name of those tasks which have currently allocated any virtual memory. This only works if VMM has been configured to enable 'memory tracking'. If you change the status of this option old entries will remain in the list.

VMUsage also displays the amount of virtual memory used by each task. The slider gadget determines the update interval for this information.

### 1.3 VMM/doc/VMMTools.guide/VMUsageCLI

VMUsageCLI

VMUsageCLI does the same as VMUsage except that it does not open a window but displays it to the console a single time.

### 1.4 VMM/doc/VMMTools.guide/VMMStat

VMMStat

VMMStat prints the statistics parameters of VMM to the console once.

## 1.5 VMM/doc/VMMTools.guide/ReadMMUConfig

ReadMMUConfig

This tool is used only if you have difficulties in getting VMM to run on your system. You should NOT run this if VMM works perfectly. If you do so anyway, you have to delete the generated files from your ENV: and ENVARC: drawers in order not to waste memory for an unnecessary MMU table.

Running it will take between 10 seconds and 1 minute. It then writes a file called 'VMM\_MMU.config' to ENV: and ENVARC:. This file is read by VMM upon startup to correctly initialize its MMU table. If you specify 'VERBOSE' as an option it will also print this information in a more readable form to the console. See the 'MMU setup' section for further details.

## 1.6 VMM/doc/VMMTools.guide/ConvVMNCfg

ConvVMNCfg

This tool can be used to convert an old style (pre-3.0) VMM configuration file to the new format. It reads 'VMM.prefs' and replaces it with the new style configuration file. Normally it is automatically called during the installation process.

## 1.7 VMM/doc/VMMTools.guide/ShowPageSize

ShowPageSize

ShowPageSize is only used during the installation process. It reads the current MMU configuration and returns the possible pagesizes.