

Diplodock Password Generator 2009 Server Quick Guide

Part I – Console Application Arguments

Part of Diplodock Password Generator 2009 Server is an automated password generator that runs in a console window. You can pass various parameters to the program in a command line.

Command line uses the following syntax: `PGConsole.exe -[parameter1] [value1] - [parameter2] [value2]...`

→ **Note:** All parameters are optional!

→ **Note:** If a parameter is not supplied, program will use a default value. Under some circumstances, however, depending on the configuration files, running the program without certain parameters may result in error.

→ **Note:** There is a - sign before parameter name.

→ **Note:** If none of the parameters is supplied, the program will display help section.

Parameters:

Parameter	Description	Values	Example	Default Value
-op	Either absolute or relative path to the program configuration file	Name of an existing	<code>cfg1.ini</code>	n/a
-g	Generation mode	“b” – Basic “a” – Advanced “p” – Pronounceable “m” – Mask	<code>p</code>	b
-o	Output mode	“1” – Console “2” – XML File “3” – Text File “4” – Excel Document “5” – HTML Document “6” – Database “7” – Clipboard “8” – Password List “9” – Protected Password List Multiple values can be separated by comas	<code>1,2</code>	1
-q	Quantity of passwords and/or usernames to generate	1 – 30 000 000 The upper limit depends on available memory.	<code>100</code>	100
-m	Password mask	If mask (“m”) generation mode is selected, password mask without spaces	<code>nnnn[-]uuuu[-]nnnn</code>	nnn[-]nnn
-f	Output file name	Valid filename. The extension of the file will be changed depending on	<code>passwords.txt</code>	console-out.txt

			output mode.	
-pw	Password to protect password list if output mode "9" is selected.	Any valid password	mf8d92m0	n/a
-l	Log mode	"0" – No logging "1" – Log to Console "2" – Log to file	2	1
-?	Help	n/a	-?	n/a
-um	Username mask	If this is undefined, no usernames will be generated. If this parameter is given, usernames will be generated according to mask specified.	Bnn	Bnn

Part II - Configuration Files

Configuration files let you control how the program generates passwords. These file are completely optional.

A few notes about configuration files:

- **Semicolon ; denotes comments.** Anything that follows semicolon is ignored by the program.
- Configuration files use standard INI format, in which the order of the sections and the order of values within the section is not important. What's important is that section names and value names are preserved and spelled exactly as defined in the sample file – samplecfg.ini located in the same folder as PGConsole.exe!
- You do not have to include all sections! In fact the file can have just one section, in which case default options will be used for the undefined sections.
- You do not have to define all values per section either! Just define the values you care about!
- You should **not write comments after sections!** Lines like [Section] ;comment here are invalid!
- You should always save this file in **Unicode encoding!**
- You should avoid spaces before and after equals = sign!

Sample INI Syntax:

```
[SectionName]
KeyName=Value ;Comment
```

To learn more about different sections and their values, open samplecfg.ini file in any text editor that supports reading Unicode-encoded files. Notepad should do just fine! Then notice the structure of the file and the comments in front of sections and next to values. They will explain what the sections are about and what their values control.

Before you use this utility, however, we recommend you get familiar with Password Generator 2008 GUI application first (PGApplication.exe) and its documentation found in help.chm file.