

# **wpkgPackageList Manual**

## **1. What it is**

wpkgPackageList is a command line tool which creates a report showing which wpkg packages are available in a wpkg installation. Currently reports are generated in Excel or HTML format.

## **2. Installation**

For getting the software up and running you have to:

- Extract the zip archive to a directory of your choice.
- Change the settings in the "settings.xml" file to meet your environment and needs.
- Call run.wsf from the command with or without specifying command line switches.

## **3. Configuration**

Within the settings.xml file adjustments can be made to meet the requirements of your environment or to customize the output which is generated by the software.

The configuration file is separated into the following different sections

### 3.1 General Settings

The `<generalSettings>` section contains settings which specify the environment where the software is used or which affects its behavior in general. All parameters of the `<generalSettings>` section can also be specified via command line in the form `-option:value`. If you want to set a boolean option to `true` it is possible to omit `value`. Options specified via command line take precedence over options specified in the configuration file.

The following options are possible:

- `<wpkgBaseDir>`

Specifies the absolute path to the base directory where wpkg is located. If this value is empty the application assumes it is installed in a sub directory of wpkg and automatically searches upwards the directory tree until the wpkg.js file is found

- `<packageIdFilter>`

This option can contain a semicolon separated list of package ids. All packages which match an id of that list are included in the report. If the option is left empty all packages will be part of the report

- `<columnFilter>`

This option can contain a semicolon separated list of column ids. If this option contains a value only the specified columns are part of the generated report. If the option is left empty all columns defined in the settings file which are enabled will be part of the report.

- `<outputProvider>`

Specifies the output provider that is used to create the report. Currently `excel` and `html` are supported.

- `<saveOutput>`

Boolean value indicating if the report created should be saved under the filename specified by the option `<outputFile>`.

- `<outputFile>`

Specifying the path and filename where the report should be saved if the option `<saveOutput>` is set to true. The following placeholders can be used:

[YYYY]	-	year
[MM]	-	month
[DD]	-	day
[hh]	-	hour
[mm]	-	minute
[ss]	-	second
[ext]	-	file extension controlled by output provider

- `<showOutput>`

Boolean value which controls if the report will be opened by the associated application after it has been created.

- `<expandEnvVars>`

Boolean value which controls if variable substitution will take place while parsing package data.

## 3.2 Output Providers

Contains general settings for the different output providers. Currently the providers *excel* and *html* are supported.

### 3.2.1 excel Output Provider

The following settings are possible for the Excel output provider:

- *<rowHeight>*  
Specifies the height of each table row.
- *<headerColor>*  
Specifies the color index of the header row.

### 3.2.2 html Output Provider

The following settings are possible for the HTML output provider:

- *<templateFile>*  
Contains the path to a template file which is used to generate the report. This has to be a valid html file which contains the special tag *<wpkg:wpkgTable>*. This tag is substituted by the created report and has to be enclosed within a html *<table>* tag. Formatting of the report can be done by including CSS declarations in the template file. Further details can be found by looking at the enclosed template files. Currently there are two templates supplied with the software package, *simpleReport.htm* which creates a static report and *dynamicReport.htm* which creates a dynamic report that can be sorted by clicking the column headers.
- *<dateFormat>*  
Specifies the display format used for date columns. The following placeholders can be used:

[YYYY]	-	year
[MM]	-	month
[DD]	-	day
[hh]	-	hour
[mm]	-	minute
[ss]	-	second

## 3.3 Columns

Contains definitions for the columns which form a row of the created report. Definition which only apply to a specific output provider contains the attribute *provider="<providerName>"*

- *<id>*  
The id which uniquely identifies a column

- `<enabled>`

Boolean value which indicates if a column will be included in the created report. For temporarily disabling columns you can also specify `columnFilter` in the settings file or command line.

- `<xmlAttribute>`

The XML attribute of the `wpkg` package which specifies the value of the column.

- `<caption>`

The caption of the column

- `<cssClass>`

The css class name which will be assigned to the column. This definition is specific to the html output provider.

- `<alignment>`

Specifies the alignment of the column's content. This definition is specific to the excel output provider. The following values are possible:

left, right, center

- `<width>`

Specifies the width of the column. This definition is specific to the excel output provider.

#### 4. Disclaimer Copyright

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#### 5. Contact

The most recent version can always be downloaded from [www.gig-mbh.de](http://www.gig-mbh.de). If you have any questions, comments, suggestions or enhancement requests do not hesitate to write a mail to [support@gig-mbh.de](mailto:support@gig-mbh.de).

#### 6. Credits

Thanks a lot to the developers of `wpkg` for that great piece of software. Without their work this software would be quite useless.