

# GTiff2Tiles.Console documentation

The following documentation is written for **1.5.0** release of application.

## Requirements

Application runs on **Linux x64** and **Windows x64** operating systems.

If you're using Windows 7 SP1, you can experience weird error with **GDAL** package. It's recommended to install [KB2533623](#) to fix it. You can read about this Windows update on [MSDN](#).

## Usage

Short	Long	Description	Required?
-i	--input	Full path to input file	Yes
-o	--output	Full path to output directory	Yes
-t	--temp	Full path to temp directory	Yes
	--minz	Minimum cropped zoom	Yes
	--maxz	Maximum cropped zoom	Yes
	--tms	Do you want to create tms-compatible tiles?	Yes
	--extension	Ready tiles extension	No
	--threads	Threads count	No
	--version	Current version	
	--help	Message about console options	

Simple example looks like this: `./GTiff2Tiles.Console -i "D:/Examples/Input.tif" -o "D:/Examples/Output" -t "D:/Examples/Temp" --minz 8 --maxz 11 -a crop --tms true --extension .webp --threads 3`

Also take a look at `start.ps1` **PowerShell** script for automating the work. Note, that running this script requires installed **PowerShell** or [PowerShell Core](#) for **Linux/OSX** systems.

## Detailed options description

**-i/--input** is `string`, representing full path to input **GeoTIFF** file. Please, specify the path in double quotes ("like this") if it contains spaces.

**-o/--output** is `string`, representing full path to directory, where tiles in will be created. Please, specify the path in double quotes ("like this") if it contains spaces. **Directory should be empty.**

**-t/--temp** is `string`, representing full path to temporary directory. Please, specify the path in double quotes ( "like this" ) if it contains spaces. Inside will be created directory, which name is a **timestamp** in format `yyyyMMddHHmmssfff`.

**--minz** is `int` parameter, representing minimum zoom, which you want to crop.

**--maxz** is `int` parameter, representing maximum zoom, which you want to crop.

**--tms** is `string`, which shows if you want to create tms-compatible or non-tms-compatible tiles on output. Can have values `true` or `false`.

**--extension** is a `string`, representing ready tiles extension. By default is set to `.png`. Currently supported extensions are: `.webp`, `.jpg`, `.png`.

**--threads** is `int` parameter, representing threads count. By default (if not set) uses **5 threads**.