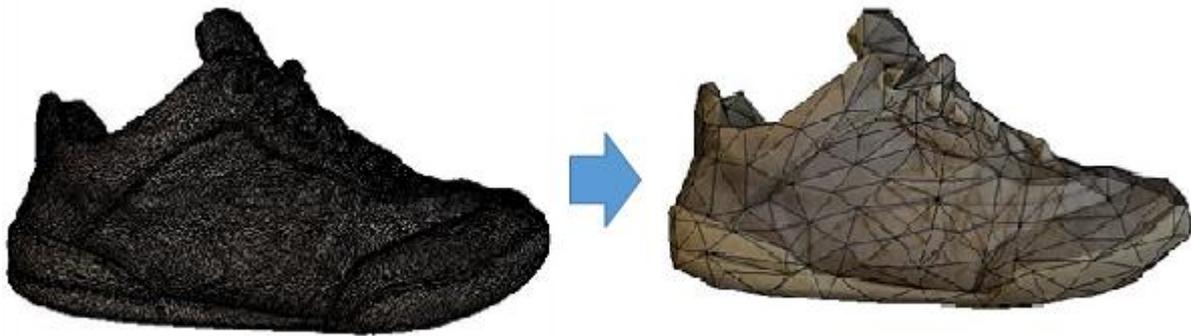


# Simplify Polygon Tool Command Line

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*Version 1.0*



*Installation Guide*

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# 1. Overview

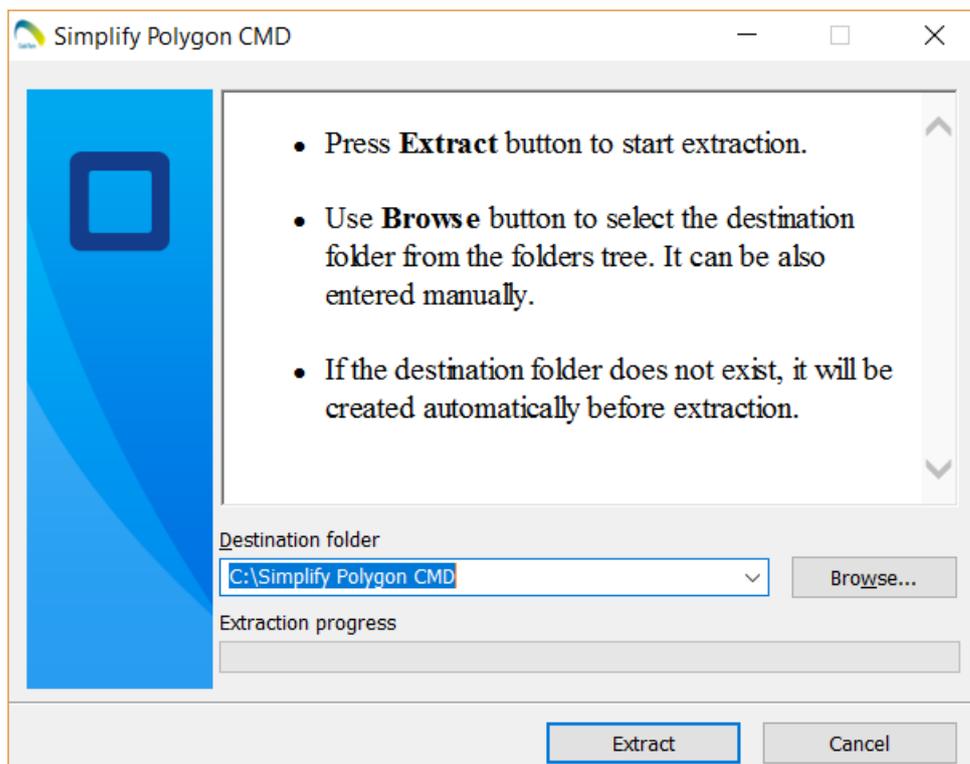
Simplify Polygon Tool – Command Line simplifies the mesh in the given .obj file. This tool is easy to use and categorized into two Command Line products. The only parameter needed is either the target number of remaining triangles or percentage to retain. The user does not need to set any trade-off between texture and geometry fidelity. The simplified model is guaranteed to be seamless free automatically.

Unlike GUI version, command line version can be used to perform batch processing. User can either choose to give reduction method parameters per folder or per file.

**Note:** In batch processing, the reduction method parameter per file will work only on type (2) Command Line – Input tool.

# 2. Installation Steps

1. Once the product is purchased, user will receive an email with a download link that downloads the file “SimplifyPolygonCMD.exe” and an activation key.
2. Please double click the file “SimplifyPolygonCMD.exe” and the following screen will open.



3. Extract to the convenient location that have read and write permission.
4. The following files will be extracted.

Name	Date modified	Type	Size
cpprest140_2_9.dll	2/11/2016 5:13 PM	Application extens...	5,839 KB
CruncherCMD	6/12/2018 11:45 A...	Application	4,821 KB
CruncherCMDInput	6/12/2018 11:45 A...	Application	4,830 KB
opencr.dll	6/12/2018 3:56 PM	Application extens...	1 KB
opencv.dll	6/12/2018 3:56 PM	Application extens...	1 KB

5. Now, please follow the steps for each product separately.

### 1. Command Line – Invoke

- a. Open the Command Prompt and navigate to the extracted folder.
- b. User can invoke the command “CruncherCMD” now to use the tool.
- c. For the first time, user will need to input the email and the activation key provided through the email to activate the product as below.

```

C:\WINDOWS\system32\cmd.exe - CruncherCMD /help
D:\temp\temp>CruncherCMD /help
Please enter email:
user@codefarm.sg
Please enter activation key:
XXXX-XXXX-XXXX-XXXX-XXXX-XXXX-XXXX_

```

- d. Now the product is ready as below.

```

C:\WINDOWS\system32\cmd.exe
D:\temp\temp>CruncherCMD /help

Usage: CruncherCMD /i [input_file_name.obj | input_folder] /o [output_file_name.obj | output_folder] [/f | /p] [number_of_faces | percentage] [/h | /help] help_options
        /i          Input OBJ file name with extension or input folder (without extension) & (with double quotes)
        /o          Output OBJ file name with extension or output folder (without extension) & (with double quotes)

        /f          Number of faces to retain
        /p          Percentage to retain
        [/h | /help] Usage or help options

Example (Percentage): CruncherCMD /i "C:\temp\input.obj" /o "C:\temp\output.obj" /p 50.25
Example (Number of faces): CruncherCMD /i "C:\temp\input.obj" /o "C:\temp\output.obj" /f 1000
Example (Batch processing): CruncherCMD /i "C:\temp\inputFolder" /o "C:\temp\outputFolder" /p 75

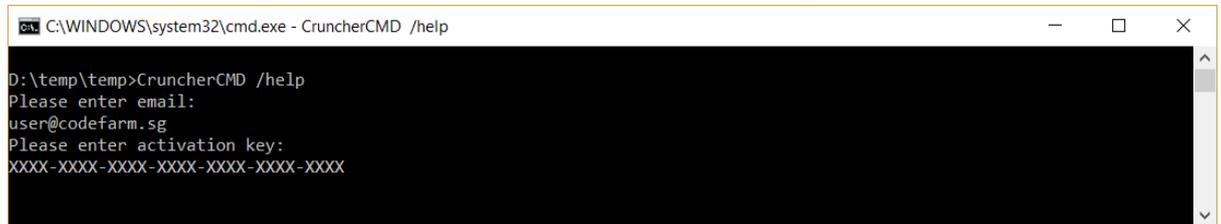
Note: For Batch processing - Folders name should not end with \
Invalid Example (Batch processing): CruncherCMD /i "C:\temp\inputFolder\" /o "C:\temp\outputFolder\" /p 0.1

D:\temp\temp>CruncherCMD /i "D:\temp\sample.obj" /o "D:\temp\output\sample.obj" /p 50

```

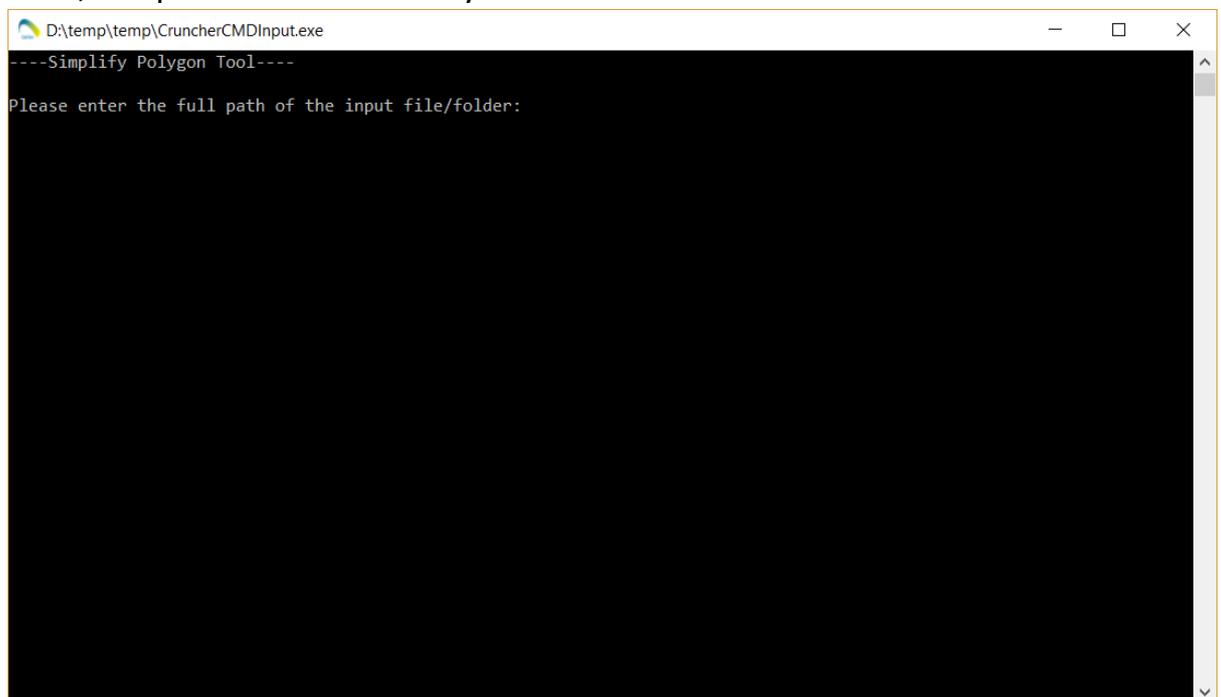
## 2. Command Line – Input

- a. Double click on the “CruncherCMDInput.exe” from the extracted folder.
- b. For the first time, user will need to input the email and the activation key provided through the email to activate the product as below.



```
C:\WINDOWS\system32\cmd.exe - CruncherCMD /help
D:\temp\temp>CruncherCMD /help
Please enter email:
user@codefarm.sg
Please enter activation key:
XXXX-XXXX-XXXX-XXXX-XXXX-XXXX-XXXX
```

- c. Now, the product will be ready as below.



```
D:\temp\temp\CruncherCMDInput.exe
---Simplify Polygon Tool---
Please enter the full path of the input file/folder:
```

## 3. Support

Website: <https://www.codefarm.sg>

Email: [contact@codefarm.sg](mailto:contact@codefarm.sg)