

# ProScholy song-book PPT, PDF EXPORT

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## Files

- readme.md - short documentation
- server.py - flask server handling requests
- exportpdf.py - module handling all export tasks
- props.py - module consisting of helper objects

## Run

In bash:

```
$ export FLASK_APP=server
$ flask run
```

Then go to the IP address and port which has been written out in terminal (usually 127.0.0.1:5000). For detailed usage continue below.

## Description of usage

Song can be exported at link

```
/export_song
```

with parameters:

- songnumber ... the only REQUIRED parameter - song id in database (The rest of parameters are optional and so has its own default value if not set)
- resx ... X component of resolution of desired output
- resy ... Y component of resolution of desired output
- fileformat ... either pdf or ppt
- songformat ... consists of numbers (representing verses) and letters 'B' or 'R' or 'C' (B for bridge and both R and C for chorus)

## Example

- 127.0.0.1:5000/export\_song (default page of API)
- 127.0.0.1:5000/export\_song?songnumber=3 (only one parameter - the

```
required one, specifying which song to download)  
- 127.0.0.1:5000/export_song?  
songnumber=7&resx=1920&resy=1080&fileformat=pdf&songformat=12BR
```

## Operating system differents

Both platforms requires all neccessary packages to be installed, so make yourself sure that this is done. (if you start the app, it will show you what package is currently missing - you will probably have to do this start-install process more times)

If you are on:

- Windows - find every comment **WINDOWS**, uncomment the next lines, which are marked and comment each block of code marked with word **LINUX**. Make sure that every line you uncomment make sense considering your personal PC setup (especially paths).
- Linux - change words **WINDOWS** and **LINUX** and do the steps written above

## Exceptions

When any exception occurs warning appears usually in web browser, sometimes also the description of it is shown in terminal on server.

Mistakes or errors considering parameters are left without any warning.