

Building Guide for VSS-vspeg

This guide should help to build a VSS based on our own VSS structure.

VSS Tools installation

The installation of the VSS Tools and the activated python virtual environment are well explained in the guide of the [VSS Tools repo](#).

Nevertheless it is optimized for the Linux operating system. We use Windows on our local machines so here is a short guide update for Windows users:

1. Have Python installed to create a virtual environment.
2. The `source` command is not available in Windows. Instead use `.\.venv\Scripts\activate.bat` (Powershell) or `call .\.venv\Scripts\activate.bat` (CMD) to activate the virtual environment.
3. Follow the guide in the repo (we used the default branch)

Building the VSS

Now that everything is set up you can either use the CLI for help or just use the final command below to build the VSS.

```
vspeg export json -s .\VSS\VehicleSignalSpecification.vspec -o own_vss.json -I  
VSS --pretty -l .\VSS\overlays\profiles\TeleopVehicle.vspec -l  
.\VSS\overlays\extensions\Teleop.vspec -l  
.\VSS\overlays\extensions\Teleop\Teleop.vspec
```

This command requires to have the python virtual environment activated on the root level and the VSS Tools installed. The output will be in the file `own_vss.json` which contains the built VSS based on our structure of this repository.