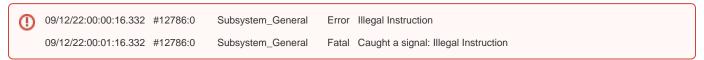
Illegal Instruction error after the WebSpellChecker installation 5.20.0.0+

Problem

You installed WebSpellChecker Server software, but it does not work and you noticed the 'Exception: Illegal Instruction' error in the Logs files. These files are located in the /<WSC_Installation_Path>/WSC/AppServer/Logs directory. Below is an example of the mentioned error:



Reason

The main reason why you received this error, might be that your server does not support AVX2/AVX512 (Advanced Vector Extensions) instructions that are required to load AI-based engines* and autocomplete functionality that is also based on them.



*The WebSpellChecker AI engine was built using modern approaches in Natural Language Processing (NLP). It is based on the huge pretrained language model. Thus, its accuracy is higher compared with our classic rule-based engines.

Solution

Option #1. Change the server for the WebSpellChecker installation to the one which supports the AVX2/AVX512 instructions and reinstall the software from scratch.

Option #2. If changing the server isn't an option, you can reinstall the software and not choose Al-based languages and autocomplete functionality:

- Reinstall the WebSpellChecker software.
- In Step 6. Select Al-based languages, where you choose which Al-based models to use, do not press Enter as the default installation will be applied, but choose 0 (None). This is important because by pressing Enter the default values (1,2) will be chosen which are Al-based English and Al-based autocomplete functionality for English. When you choose 0 (None) the Al-based languages or autocomplete functionality will not be installed.

Step 6. Select AI-based languages.

- 0. None
- 1. English grammar
- 2. English autocomplete
- 3. German grammar
- 4. Spanish grammar
- 5. Select all

Specify your choice using comma as separator [1,2]: 0



If you use automated installing WebSpellChecker on Linux specify languages_to_install=0 in order not to set up AI-based languages and autocomplete functionality.