

Argument list too long

Last edited by [VREDDY10](#) 2 years ago

Issue Description:

`ninja: fatal: posix_spawn: Argument list too long` indicates when a user feeds too many arguments into a single command which hits the `ARG_MAX` limit... An argument, also called a command-line argument, can be defined as the input given to a command, to help control that command line process.

Solution 1:

On Linux, the maximum amount of space for command arguments is 1/4th of the amount of available stack space. So, a solution is to increase the amount of space available for the stack.

1. The default amount of space available for the stack is something like 8192 KB. You can see the amount of space available, as follows:

```
vvadlamu@IND6R0JVP2:~/15Nov$ ulimit -s
8192
```

2. Choose a larger number, and set the amount of space available for the stack. For instance, if you want to try allowing up to 65536 KB for the stack, run this:

```
vvadlamu@IND6R0JVP2:~/15Nov$ ulimit -s 78457
78457
```

! Note: You may need to play around with how large this needs to be, using trial-and-error.

This solution is Linux-specific. We suspect it probably won't help on any other Unix operating system (not tested).

References:

1. <https://unix.stackexchange.com/a/45584>
2. <https://codeforces.com/blog/entry/80688>

Solution 2:


Adding the following Entries to the cmake files

```
SET(CMAKE_C_USE_RESPONSE_FILE_FOR_OBJECTS 1)
SET(CMAKE_CXX_USE_RESPONSE_FILE_FOR_OBJECTS 1)

SET(CMAKE_C_RESPONSE_FILE_LINK_FLAG "@")
SET(CMAKE_CXX_RESPONSE_FILE_LINK_FLAG "@")

SET(CMAKE_NINJA_FORCE_RESPONSE_FILE 1 CACHE INTERNAL "")
```

References:

1. <https://stackoverflow.com/questions/43184251/cmake-command-line-too-long-windows>
- You can use `devNext --help` or `devNext <command> --help` for more options/help.
 - **? Support:** If you've any Queries w.r.t above mentioned steps, please reach out to  devNext.support@visteon.com