

How to use RTC in devNext v3

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How to run the RTC based projects using WSL2 with devNext

Pre-Requisites:

THE CURRENT VERSION devNext 3.0.x is supported only on WSL2 UBUNTU 18.04 and UBUNTU 18.04 LINUX ONLY

- Make sure you've completed all the pre-requisites to use the devNext.
Wiki Link: https://eu.git.visteon.com/devnext/devnext_v3/-/wikis/devNext-Pre-requisites.
(or)
- User can use the Automation Script for the pre-requisites setup - [devNextv3-install.sh Wiki](#)
- devNext v3.0 currently supports Ubuntu 18.04 . Support for Ubuntu 20.04 is currently experimental. Please reach us at devNext.support@visteon.com in case if you face any issues with Ubuntu 20.04

New Sections in INI file and Package Name in the Requires Section:

1. Make sure you've the [rtcfetch] and [rtcupdate] in the INI file.
2. In the requires section make sure you've one of the RTC packages available. - [Available Packages](#)

Example:-

```
[rtcfetch]

scm logout -r ${repo}

scm login -r ${repo} -u ${rtc_user} -P ${rtc_password}

scm accept -s ${source_stream} -t ${ci_ws} -o --flow-components -r ${repo}
```

Make sure the [envsetup] section of your INI file is modified, as seen below

Example:-

```
[envsetup]
repo=https://jazz.visteon.com:9443/ccm3
source_stream=NA_FORD_2023_P708_Silver_Box_IC_GP_Dev
p708_ws=VSOCI-NA_FORD_2023_P708_Silver_Box_IC_GP_DevWorkspace
dir=/home/ssathyap/P708_V1
remote_loadrule_path=dk-build-na-ford-p708-silverbox-ic/dk.build.na.ford.2023.p708.silverbox.ic/gp-build/gp_bsp.loadrule
rtc_user=<ci_user>
rtc_password=<ci_user_password>
```

Note: Update the above information as per your requirement

Reference:

1. https://eu.git.visteon.com/devnext/devnext_v3/-/wikis/Sample-DevNext-Profile-file
2. http://10.185.4.138/VVADLAMU/ini-files/-/blob/master/Masserati_RTC.ini

Passing the Variables in sections to the devNext

You can use the variables in the RTC Fetch/Update Section in 2 Ways:

1. From the commandline using `--env VARIABLE_NAME="<>"`

Commandline `devNext rtcfetch --env RTC_USER=<CDSID> --env RTC_PASSWORD=<NetworkPassword>`

2. You can always use the `~/ .bashrc` to store the Variables for recursive use cases.

Once you're done with the INI file changes. You can continue with the devNext workflow. - [devNext-Installation](#)

Support: If you've any Queries/Issues/Concerns, Please reach out to devNext.support@visteon.com