devNextTesting

Last edited by **SMOHANA1** 7 months ago

1   Setup:

```
sudo apt-get install python3-pip
```

```
rm ~/.pypirc ~/.pip/pip.conf
```

```
python3 -m pip install --upgrade devNext[conan1 or conan2]==<VERSIONNO> --extra-index-
url https://jfrog.sofia.visteon.com/artifactory/api/pypi/pypi-virtual/simple --trusted-host jfrog.sofia.visteon.com --no-cache-dir --
user
```

```
echo 'export PATH=${HOME}/.local/bin:${PATH}' >> ${HOME}/.bashrc
```

```
source ${HOME}/.bashrc
```

2   Workspace Configuration

2.1 Content Creation

```
mkdir fords2dot8_test
```

```
cd fords2dot8_test
```

```
devNext workspace add --profile http://10.185.4.138/VVADLAMU/ini-files/-/blob/master/fords2dot8.ini
```

3   Prepare workspace for Usage

dn sysupdate(3min) (Optional)

dn gitfetch (15 min)

4   Builds

4.1 Normal Build

dn build --type vp (8 min)

4.2 Klocwork FDA Build

```
touch $(pwd)/cluster-platform/turing/mcal/imx8-package1/plugins/Adc/src/Adc.c
```

```
dn analyze --type vp --fda $(pwd)/cluster-platform/turing/mcal/imx8-package1/plugins/Adc/src/Adc.c (~ 5 min)
```

Sample INI Files

ProjectName	INI URL	Isolation
VW-FPKB8-2022-CRE	http://10.185.4.138/VVADLAMU/ini-files/-/blob/master/vw-fpkb8-win.ini	Windows10
Ford-S2DOT8-2023-Platform	https://bsp-os.git.visteon.com/platform/ini-files/-/blob/master/ford/my2023/s2dot8/ford_my2023_s2dot8.ini	Linux/WSL2
Nissan-J32V-2022-Platform	https://bsp-os.git.visteon.com/platform/bsp-os/programs/nissan/manifest/-/blob/develop/my2022/j32v/nissan_my2022_j32v.ini	Linux/WSL2