# Home

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## What is devNext?

devNext v4.2.0 is a Workspace Management Tool which helps developers to quickly setup and manage different projects in a single machine. All the configuration happens through an INI file and access to all the workspaces is centralized.

Here are the salient features of devNext:

#### ▼ Workspace Isolation

All the required toolchains are managed through configuration file. Your system can have different versions of same tool, devNext makes sure that required version of the tool is configured for the workspace.

#### ▼ Centralized Workspace Management

Why to remember all the workspaces available in your system, when devNext can do that for you. You can have multiple workspaces in your system belonging to different projects. All these workspaces can be managed through devNext. Developer can list, add, delete, modify and activate any workspace from anywhere in the system.

#### ▼ Build Aliases

Forget about the long build commands that a developer needs to remember. Developer can now create aliases for the build commands. Aliases will be part of the configuration file and can be shared across Team. Any number of aliases can be created provided all the aliases are unique.

#### ▼ Faster builds

Gone are the days when user had to wait for the builds to get completed. With devNext you get minimal Virtualization which helps to get the best performance out of the system. Now your system will be utilized completely for the tasks you need.

### ▼ Tested and Supported Platforms and software for devNext

OS with version	Python Version	PIP Version	Repo Tool
Ubuntu 20.04	v3.8.10	v23.3.2	Repo_Launcher 2.29.9
Ubuntu 22.04	v3.10.6	v23.3.2	Repo_Launcher 2.29.9
Ubuntu 24.04	v3.12.3	v23.3.2	Repo_Launcher 2.29.9
Windows 10	v3.12.8	v23.3.2	Repo_Launcher 2.29.9
Windows 11	v3.12.8	v23.3.2	Repo_Launcher 2.29.9

For older program's backward compatibility, support is provided for previous versions of devNext on:

OS with version	Python Version	PIP Version	Repo Tool
Ubuntu 18.04	v3.6.9	v21.3.x	Repo 2.8

# **Getting Started:**

- 1. Setting Up WSL2
- 2. <u>Automation Script for Pre-Requisites Setup</u>

(or)

devNext Prerequisites (Manual)

Single CONAN\_USER\_HOME for Build Servers

- 3. <u>devNext Installation and Configuration of Workspace</u>
- 4. <u>devNext Upgradation</u>
- 5. Instructions for New Release Candidate install for Conan 2.0 on Ubuntu 24.04
- 6. devNext Support Requests

## **DEPRECATION WARNING:**

• Conan 1.x is deprecated and is no longer recommended. The upcoming devNext release will come with default Conan v2.

## **Training and Video**

- **@** Gitlab Presentation Deck
- <u>devNext Training Video</u>
- Code Quality with devNext using Klocworks Training
- <u>Tasking Compiler Training</u>

**Q2A Forum:** Q&A platform helps find answers and ask your questions, learn and share knowledge <a href="https://q2a.visteon.com">https://q2a.visteon.com</a> **Support:** If you've any Queries w.r.t above mentioned steps, please reach out to <a href="mailto:ode.com">odevNext.support@visteon.com</a>

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