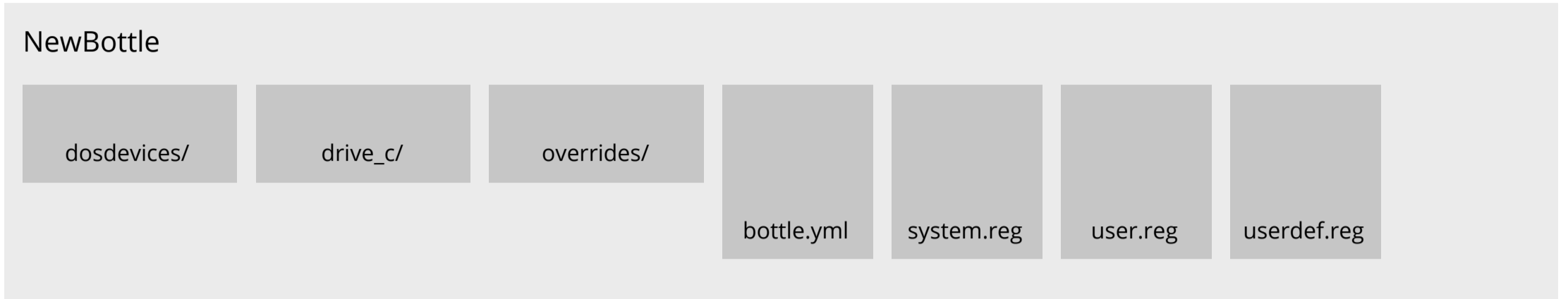


Bottles

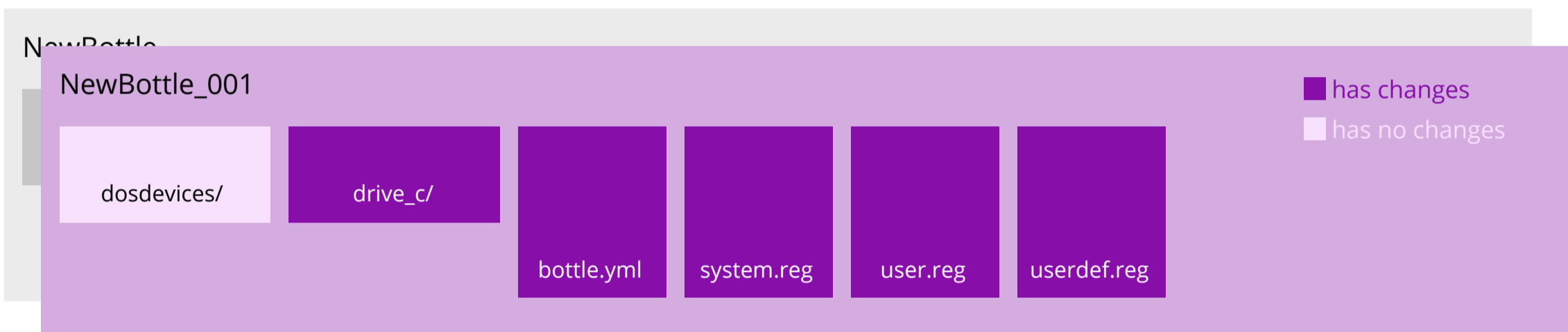
Override system for multiple environments in one bottle

A new bottle created with the new Automated environment, is a clean environment, without any tweak or dependency. In the root it has an extra path called **overrides/**.



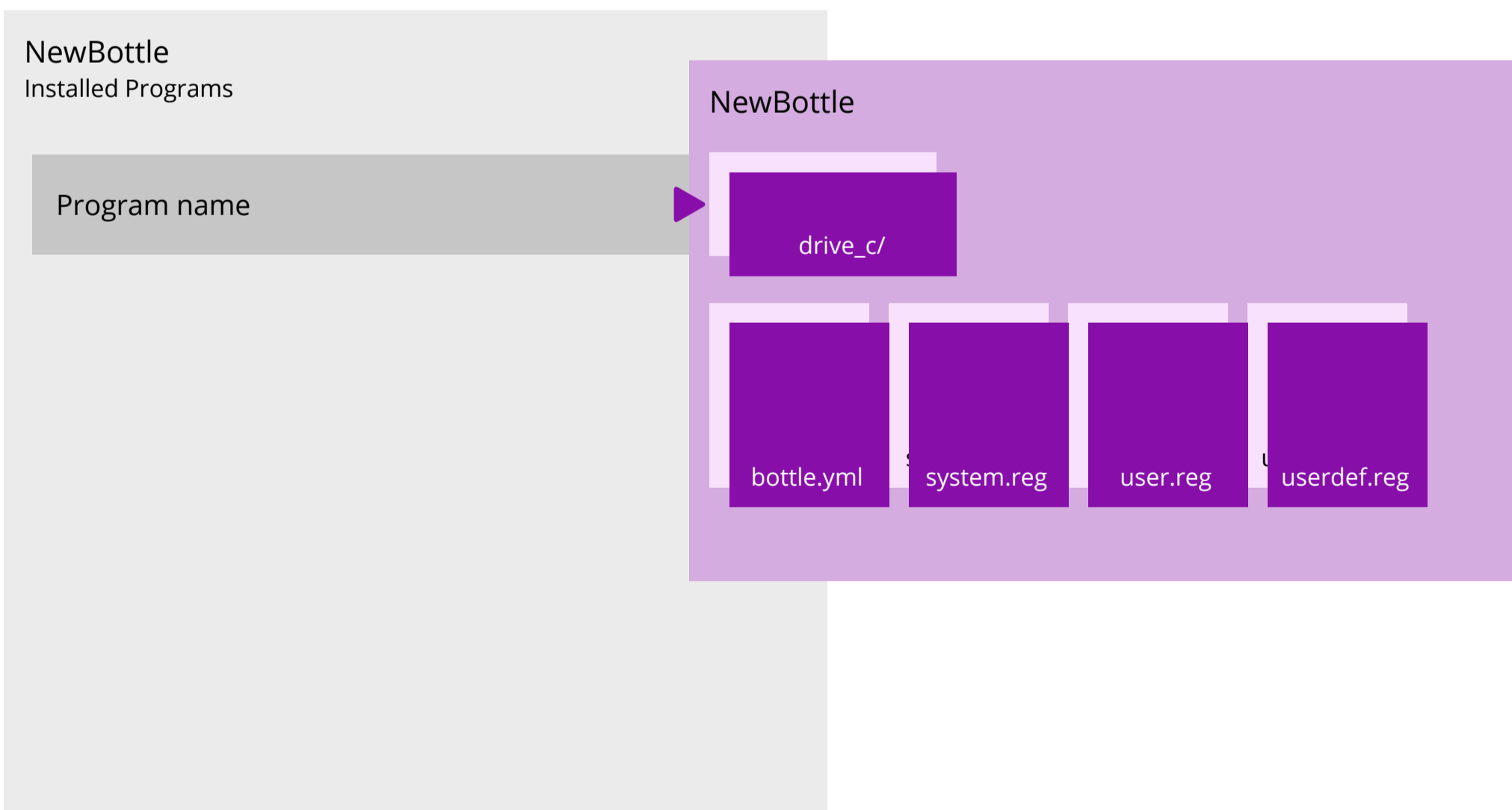
The user does not have access to bottle customization, for example he cannot install DXVK or VKD3D. Everything is managed by Bottles. In this bottle it is possible to install programs only through our installers.

When the user installs a program, the installer creates a copy of the bottle (except the overrides/ directory), installs all dependencies on it, and changes its settings to make it compatible with the new program.



It compares the two bottles searching for all differences, then will just copy these in a new directory in the /overrides of the original bottle and remove the new one. Finally, it adds the new program to the bottle's list of installed programs.

When the user launch the new program, Bottles will mount the new override on top of the first bottle, so that it can find all the dependencies and settings it needs to work.



Each override is independent once mounted and only allocates the space of individual files not present in the original bottle.

When the user closes the application and the process is terminated, Bottles unmounts the override from the bottle. When a program is uninstalled, the override is deleted along with it.