The CMake variable :variable:`CMAKE\_FIND\_ROOT\_PATH` specifies one or more

directories to be prepended to all other search directories. This

effectively "re-roots" the entire search under given locations.

Paths which are descendants of the :variable:`CMAKE\_STAGING\_PREFIX` are excluded

from this re-rooting, because that variable is always a path on the host system.

By default the :variable:`CMAKE\_FIND\_ROOT\_PATH` is empty.

The :variable:`CMAKE\_SYSROOT` variable can also be used to specify exactly one

directory to use as a prefix. Setting :variable:`CMAKE\_SYSROOT` also has other

effects. See the documentation for that variable for more.

These variables are especially useful when cross-compiling to

point to the root directory of the target environment and CMake will

search there too. By default at first the directories listed in

:variable:`CMAKE\_FIND\_ROOT\_PATH` are searched, then the :variable:`CMAKE\_SYSROOT`

directory is searched, and then the non-rooted directories will be

searched. The default behavior can be adjusted by setting

|CMAKE\_FIND\_ROOT\_PATH\_MODE\_XXX|. This behavior can be manually

overridden on a per-call basis using options:

``CMAKE\_FIND\_ROOT\_PATH\_BOTH``

Search in the order described above.

``NO\_CMAKE\_FIND\_ROOT\_PATH``

Do not use the :variable:`CMAKE\_FIND\_ROOT\_PATH` variable.

``ONLY\_CMAKE\_FIND\_ROOT\_PATH``

Search only the re-rooted directories and directories below

:variable:`CMAKE\_STAGING\_PREFIX`.