Root directory configuration

Each root directory is given an alias by which it is referred. The alias must be unique, irrespective of its casing. This means that if you have a root directory with an alias "RoOt", you cannot also have another root directory with a alias "rOoT".

Apart from its alias, the root directory needs at least one mounting point.

All other configuration options described in this page are optional.

Defining your root-directory

Nested references

Two root-directories are nested if one is contained within another one. There are very good reasons to have this kind of setup: you can have a folder d:\projects\ with over 100 different subdirectories, but only two or three of those are actually of importance to you at any given time. Nevertheless you may still need to consult occasionally some of the other projects as well, so you really need the following setup:

- One root-directory "projects" pointing to d:\projects
- Two other root-directories "project_foo_004" (project 4 for customer foo) and "project_bar_045" (project 45 for customer bar) that offer you quick access to the files in d:\projects\foo\p0004 and d:\projects\bar\p0045.

It is clear that `d:\projects\qcor\p0004` is a subdirectory of `d:\projects` and as such qualifies as a nested directory.

Whether you want to actually allow this is up to you. In PMA.core, the files will be mapped to different locations and therefore will be accessible through different routes. Therefore, we recommend disabling nested root-directories if you plan to do any of the following:

- Move files to other locations using the image manager
- Capture on-slide annotations
- Capture form-data

Nested root-directories are fine to use, as long as you only use PMA.core to host and view WSI content.

Control nesting

The following operations should only be performed by experienced users. If you don't know where or how to find a file called `App_Data\Data\PMACore.config`, you should stop reading and contact somebody more knowledgeable in this area.
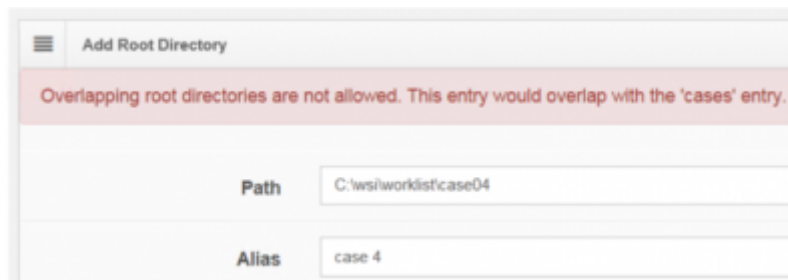
Assuming that you know what you're doing; you can control whether nested root-directories are allowed by modifying the AllowNestedRootDirectories switch in `PMACore.config`:

```
<!-- Boolean that indicates if overlapping root directories are allowed -->
<add key="allowNestedRootDirectories" value="false" />
```

Appropriate error handling is provided. Say that you have the following situation:

- AllowNestedRootDirectories is set to false
- A root directory `cases` exists and points to `c:\wsi\worklist\`
- A subdirectory exists `c:\wsi\worklist\case04\`

When trying to map `c:\wsi\worklist\case04` to a separate root directory, an error message shows: