

Root directory configuration

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:

Add Root Directory

Overlapping root directories are not allowed. This entry would overlap with the 'cases' entry.

Path	C:\wsl\worklist\case04
Alias	case 4

From:

<https://docs.pathomation.com/pma.core/2.0.2/> - **PMA.core 2.x**

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Last update: **2022/02/04 21:33**

