**Code Review**

March 28, 2017

**Attendees:**

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**Code under inspection:** DICOMConverter, FileBrowser.cs

**DICOMconverter review:**

- imports are not all being used

- severe lack of comments

- camel case tempdir and other code refactoring (d for directory)

- test with series DICOM files

**FileBrowser1.cs:**

- rename to filebrowser.cs

- capitalize DICOM instances

- remove ln 16 and 17 (commented out code)

- serialize variables in lines 35 through 46

- refactor button variables 35-96

- 99 make button limit more clear with better comment

- remove 106-107

- comment after 118 CreateButtons()

- renave CreateButtons() to CreateDirectoryAndFileButtons()

- make functions to CreateNAvigationButtons to clean up code

- Update is deprecated and can be deleted

- 195 "directoy"

- 220 and 229 can be deleted

- seperation variable should be renamed to separation

- refactor createButtons() to call a function for less repeated code

- need comments in LoadFiles() and LoadFilesC

- 242 string []args should be string[] args

- 247 LoadFilesC should be LoadFilesCoroutine() and needs comments

- DeleteAllImagesInPath needs comments

- 291 delete a summary close tag

- 312 "withing"

- 313 preconditions should include "not null" and is a valid path

- 322 assert that the path is valid

- 351 look into checking to see if the directory is restricted before we try to get into it

- disable functionality while things are being loaded

- give user a message when things are being loaded

- 407 needs to be in a try{}catch{} block and then the assert is no longer needed

- in ConvertAndSendImage check to see if we can just check the string for empty instead of converting it back and forth to a fileInfo

- add to precondition in convertandsendimage that the path exists

- 414 comment that the 10,10 is completely arbitrary

- put 410 in a try block

- 431 consider creating a structure for parameters

- CreateVRButton should have a switch statement instead of a bunch of if's

-532 thr

- 548 fix precondition

- 563 check for arguments that are out of range

- 577 precondition

- 593 find the root directory instead ofhardcoding it as the C drive

- 607 - fix the function in general and add comments

- UpdateBackButton needs an assert

- 670 don't compare transforms

**DICOMConverter:**

- needs comments

- remove debug.log