## multiscale::analysis::MatFactory

# rows
# cols
# simulationTime
# ERR_INPUT_OPEN
# ERR_IMG_RESOLUTION
# ERR_IN_EXTRA_DATA

+ MatFactory()
+ ~MatFactory()
+ create()
+ createFromViewerImage()
+ maxColourBarIntensityFromViewerImage()
# initInputFile()
# processConcentrations()
# convertToIntensity()
# isValidViewerImage()

## multiscale::analysis::CircularMatFactory

- ERR_UNIMPLEMENTED_METHOD
- INTENSITY_MAX
- ROI_START_X
- ROI_START_Y
- ROI_RADIUS
- INPUT_IMG_WIDTH
- INPUT_IMG_HEIGHT
- COLOURBAR_MAX_X
- COLOURBAR_MAX_Y

+ CircularMatFactory()
+ ~CircularMatFactory()
+ createFromViewerImage()
+ maxColourBarIntensityFromViewerImage()
# processConcentrations()
# isValidViewerImage()
- createCircularMask()