## 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()

multiscale::analysis::RectangularMatFactory

- ERR CONC
- ROI START X
- ROI START Y
- ROI WIDTH
- ROI HEIGHT
- INPUT IMG WIDTH
- INPUT IMG HEIGHT
- COLOURBAR MAX X
- COLOURBAR MAX Y
- + RectangularMatFactory()
- + ~RectangularMatFactory()
- + createFromViewerImage()
- + maxColourBarIntensityFromViewerImage()
- # processConcentrations()
- # isValidViewerImage()