```
multiscale::analysis
        ::MatFactory
# rows
# cols
# simulationTime
# ERR INPUT OPEN
# ERR IMG RESOLUTION
#ERR IN EXTRA DATA
+ MatFactory()
+ ~MatFactory()
+ create()
+ createFromViewerImage()
+ maxColourBarIntensityFrom
ViewerImage()
# initInputFile()
# processConcentrations()
# convertToIntensity()
# isValidViewerImage()
```