**Read an image file:**

myfile = bfopen( filename ) 🡪 opens the file and stores slices in a cell array that can be accessed by myfile{1,1}. Works fine for BigTiff too!

**Access to image data:**

zstack = myfile{1,1}

zstack{1,1} 🡪 contains the data of slice 1, zstack{1,2} 🡪 contains the filename and z-info of slice 1

zstack{2,1} 🡪 contains the data of slice 2, zstack{2,2} 🡪 contains the filename and z-info of slice 2

zstack{3,1} 🡪 contains the data of slice 3, zstack{3,2} 🡪 contains the filename and z-info of slice 3

…

Hint: Reads the image with the original data type, so conversion via im2double might be necessary.

**Meta data:**

myfile{1,2} contains the meta data.

Notes: Consider to use this loci tool also for loading data into the ITK framework.