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## Metadata extraction Zeiss CZI, before conversion to JPEG/TIFF (MacOS)

[scott john](#)<sup>1</sup>

<sup>1</sup>UCLA

*In Development*

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[scott john](#) 

### ABSTRACT

Extract metadata from Zeiss CZI files before conversion to TIFF/JPEG, using macOS.

Require "Fiji" and legacy Java 6 runtime for macOS 10.13

## 1 Cheat Sheet for those using Zeiss CZI files and need to extract metadata before saving/converting file to TIFF/JPEG

On a Mac- with that caveat:

MAC: Download **Fiji** from  
<https://imagej.net/Fiji/Downloads>

(This also has windows version- care read caution file)

MAC: You will also need **Java** older version; legacy Java 6 runtime for macOS 10.13  
[https://support.apple.com/kb/DL1572?locale=en\\_US](https://support.apple.com/kb/DL1572?locale=en_US)

Install **Java** then **Fiji**

**Fiji** should automatically update.

Open czi file.

**Fiji** should open window "Bio-Formats Import Options"

Under metadata viewing- check on:

Display metadata,

Display OME-XML metadata,

Display ROIs

Click "OK"

This opens three new windows:

1) Original metadata:- file name

2) OME Metadata:- file name

3) An image file:- file name

. Select window- Original metadata

Got to menu

File: Save As

Exports the meta data as csv formatted file.

Can then save the image files as TIFF or JPEG or...

Notes;

Originally tested on CZI with no stacks.

Work in progress



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