**From:** Stafford, Mark
**To:** Aniyath, Praseedha; Yulo, Richard
**Subject:** FW: Simple Saving ZEN macro for Pathologists
**Date:** Friday, March 19, 2021 2:50:55 PM
**Attachments:** image001.png
ZEN2 - Save all CZI images of a folder as gallery view JPG.czmac
Save all CZI images of a folder as JPG images.czmac
ZEN23 - Export active image as JPG.czmac
ZEN23 - Save active image as JPG.czmac

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Dear Praseedha,

I hope things are going really well. I was wondering if you might be able to help my New Zealand colleague, Richard with some problems he is having with one of his large pathology accounts (emails below).

They are currently using ZEN Blue to take their images with new cameras which are not supported in Labscope.

Essentially the pathologists want to minimise and simplify their image saving workflow down to the minimal number of clicks and ZEN does not allow directly saving to .jpg. We always have to export or use the quick export tool which also results in an xml file being saved using the default settings. They really hate this.

What we are looking for would be something like:

1. Snap image (.czi)
2. Click Macro Button
3. Macro does the following:
   - Shows Image Saving Path option window (saved for session)
   - Shows re-name Image File Text Box option window (they need to be able to change the file name with patient relevant information)
   - Save as or export as jpg in desired location without xml data and with annotations burned in/display curve saved.

The free ones attached are close but not really quite what we need.

Would you have something more suitable available or could assistance be given to Richard to have something adapted or written for his pathologists?

Please let me know your thoughts and thank you for your assistance.

@Richard Yulo You might want to consider ZEN Core Starter and an option for your customers? It might be better than ZEN Blue and easier to use (less clicks, simple interface). Have you considered that or do you think a simple Macro would be the best way to go? Let us know what you think. Also, can you confirm the workflow above is what is required for your customers?

Cheers.

Best regards,

Mark.

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**From:** Yulo, Richard <richard.yulo@zeiss.com>
**Sent:** Tuesday, 16 March 2021 4:15 PM
**To:** Stafford, Mark <mark.stafford@zeiss.com>; Muller, Arne <arne.muller@zeiss.com>
**Cc:** Das, Shannon <shannon.das@zeiss.com>
**Subject:** RE: ZEN macro

Hi Mark,

Thanks for sending this! But this might not be what they want because it doesn't give the ability to rename files before exporting.

Basically what they want is to right click> save as jpg> rename.
This is what they're doing now but they are really annoyed by the xml files that are always generated using this approach.

They don't like quick export because they can't rename the file first, and it's putting each photo within its own folder.

And they want to avoid the processing tab because it takes too many clicks and it doesn't work well with how they rename files

So, basically what they want is option 1 but without the xml files. Can we do this?

Best regards,

Richard

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**From:** Stafford, Mark <mark.stafford@zeiss.com>
**Sent:** Tuesday, 16 March 2021 6:59 PM
**To:** Muller, Arne <arne.muller@zeiss.com>; Yulo, Richard <richard.yulo@zeiss.com>
**Cc:** Das, Shannon <shannon.das@zeiss.com>
**Subject:** RE: ZEN macro

I scared myself…

Yes, it still works…..i think before it was a bit easier to set up that's all.

Best regards,

Mark.

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**From:** Muller, Arne <arne.muller@zeiss.com>
**Sent:** Tuesday, 16 March 2021 3:55 PM
**To:** Stafford, Mark <mark.stafford@zeiss.com>; Yulo, Richard <richard.yulo@zeiss.com>
**Cc:** Das, Shannon <shannon.das@zeiss.com>
**Subject:** RE: ZEN macro

Hi Mark,

So it does still work! You scared me …

In reality, ZEN lite users don't ever use the macro environment and only press the buttons on the toolbar anyway.

Cheers,
Arne

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**From:** Stafford, Mark <mark.stafford@zeiss.com>
**Sent:** Tuesday, 16 March 2021 4:37 PM
**To:** Yulo, Richard <richard.yulo@zeiss.com>
**Cc:** Muller, Arne <arne.muller@zeiss.com>; Das, Shannon <shannon.das@zeiss.com>
**Subject:** RE: ZEN macro

Hi Richard,

You can still make macros work in ZEN lite 3.3 but cannot import them in as easily

With a demo dongle you can see them and import into the tool bar menu.

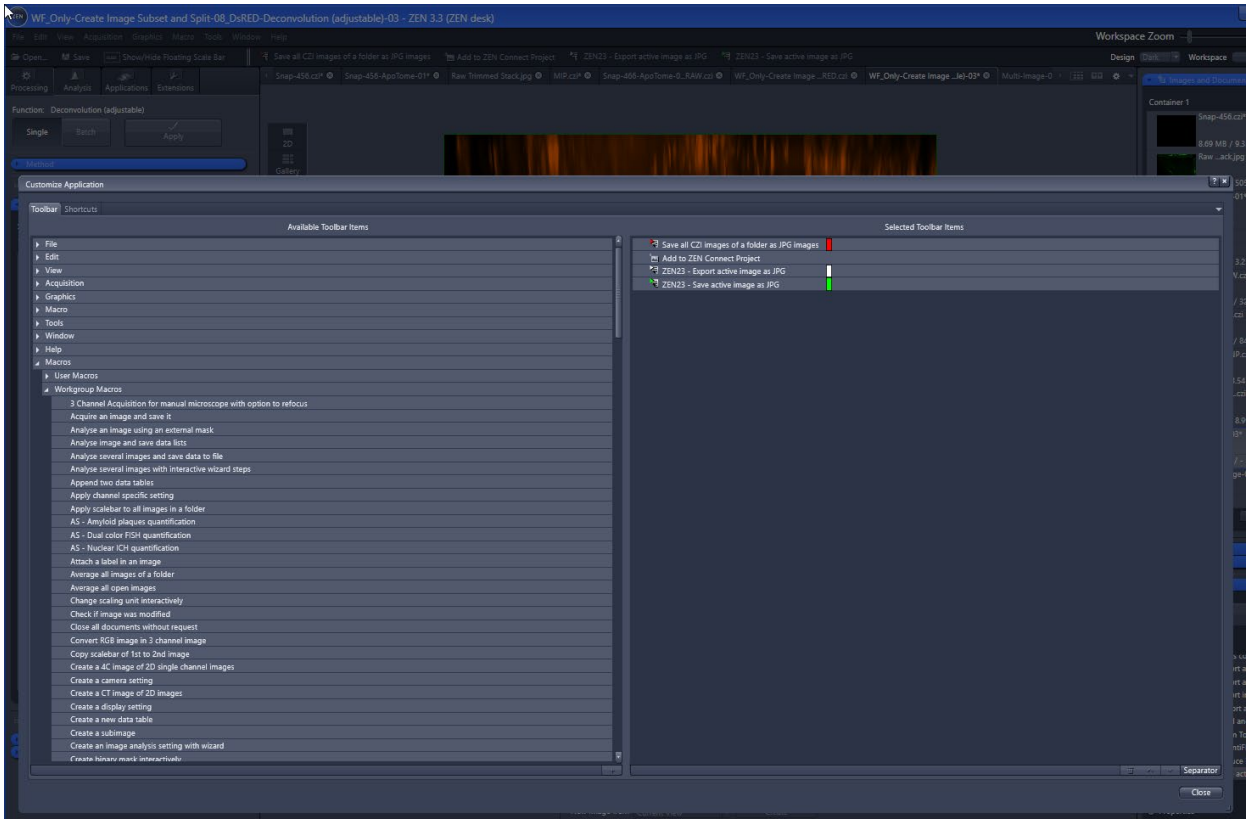
If you wish to load the free macro's you can run the macro installer from the ZEN folder ZEN\Other\OAD examples\OAD Macro Collection\Installation (setup.exe)

Try this on your own PC and have a look at macros that might be suitable such as "export active image as JPG" or Export all Images of a Folder etc etc…..

Also, did they try the quick export button? Did they not like that?

Once you remove your demo dongle the macros will still run but we no longer get the "show macro environment" which I think we did in earlier versions on ZEN….. Now it's just in the toolbar menu and you cant find them unless your dongle is in.

Let me know how this goes.




Best regards,

Mark.

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**From:** Yulo, Richard <richard.yulo@zeiss.com>
**Sent:** Friday, 12 March 2021 2:01 PM
**To:** Stafford, Mark <mark.stafford@zeiss.com>
**Subject:** ZEN macro

Hi Mark,

Can you show me next week how to run the ZEN macro for quickly saving jpgs?

Are you available Tuesday afternoon? Thanks!

Best regards,

Richard

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