

Test PDF for ImageQC

ImageQC is written in the programming language IDL which do not have a routine for reading the text content of a PDF file. To get the same result as when copy/paste text manually from the PDF, Visual Basic code with sendkeys (automatic Ctrl+A, Ctrl+C) is used via an Excel macro. IDL calls to open the Excel file and return to the process when this is open where the code is set to wait for the results to come back via the clipboard. The Excel macro starts when the workbook opens and calls to open the pdf file in Acrobat Reader, select all, copy and close the pdf file and the Excel workbook.

As ImageQC only initiate opening the Excel file the program will continue when the file is open. This will be too quick to have received the clipboard results from the PDF. How long the Excel macro will need depend on the speed of your system. The time ImageQC need to wait can be customized in User settings – Automation templates.

Acrobat Reader is assumed to be located here:

C:\Program Files (x86)\Adobe\Acrobat Reader DC\Reader\AcroRd32.exe

If your Acrobat Reader or other pdf reader is located elsewhere you can open Excel and select \ImageQC\data\convertPDFtoTXT.xlsm while holding SHIFT to avoid starting the macro that is set to start when the workbook opens. Change the pdf reader location.

To make the Excel macro run you might also need to check that these options are selected in Developer -> Visual Basic -> Tools -> References:

