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# FINALIZING YOUR PDF/A FILE FOR ONLINE-PUBLICATION VIA DIGITAL REPOSITORY OPUS

SETTINGS IN YOUR ORIGINAL FILE AND PROPERTIES OF YOUR PDF/A FILE

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# YOUR ONLINE PUBLICATION

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In order to ensure an unproblematic upload, long-term storage and usability of your file, please examine the following properties of your PDF/A file carefully and eliminate any possible deviations in your original file.

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The two versions of your thesis (electronic and printed) must be **identical in their content**. To avoid mistakes and unnecessary printing costs, please wait until the electronic document is fully prepared and checked by the University Library before printing.

**Checklist e-thesis** 

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# REQUIREMENTS IN DETAIL

# 1. TITLE PAGE

The title page of your thesis after the successful academic disputation differs from the one in the doctoral committee's copies. Please make sure to insert the **post-examination title page**.

# Pay particular attention to:

Ensure that the title page contains up-to-date names of the University and of your Faculty. Check whether your strived academic degree corresponds to the <u>doctoral regulations</u> of your Faculty.

#### 2. PERSONAL DATA

For personal data protection reasons, remove all unnecessary personal data from your file. Essential personal data can be found on the title page only (see point 1).

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It is recommended to delete your original signature, home address, private telephone number and possibly even your curriculum vitae. Other person's personal data, e.g. private e-mail addresses, should also be removed.

# 3. PAGINATION

Title leaf carries no visible page numbers.

The page count usually starts with lowercase or uppercase Roman numerals for pre-texts. The pages of the main text are numbered in Arabic numerals. Appendices can be numbered in Roman numerals.

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version: July 23



# 4. DOCUMENT PROPERTIES > DESCRIPTION

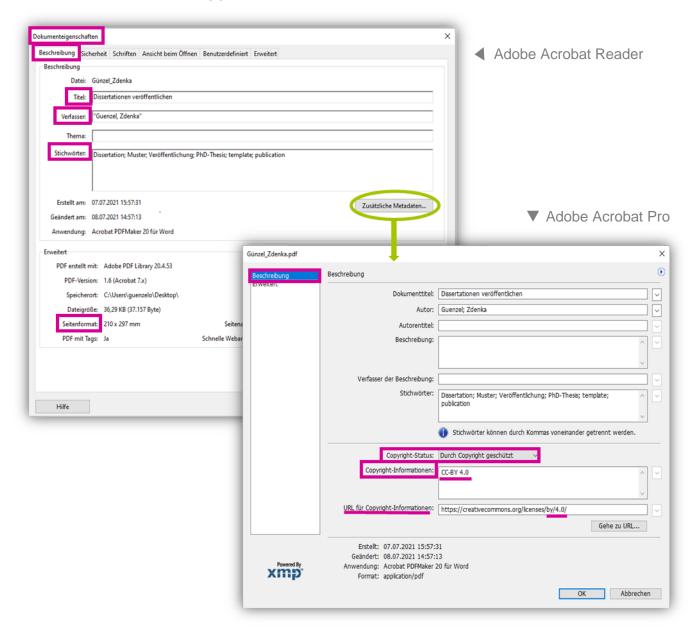
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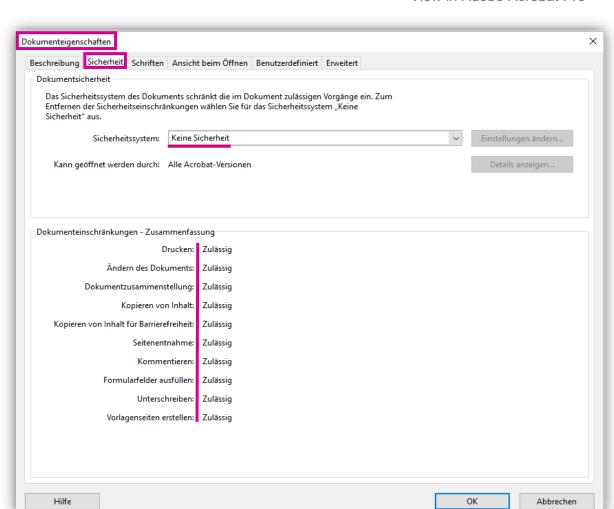


# 5. DOCUMENT PROPERTIES > SECURITY

Choose the tab Security in the dialog box Document Properties. In the Document Restriction Summary, all functions are marked as "allowed" (here: Zulässig).

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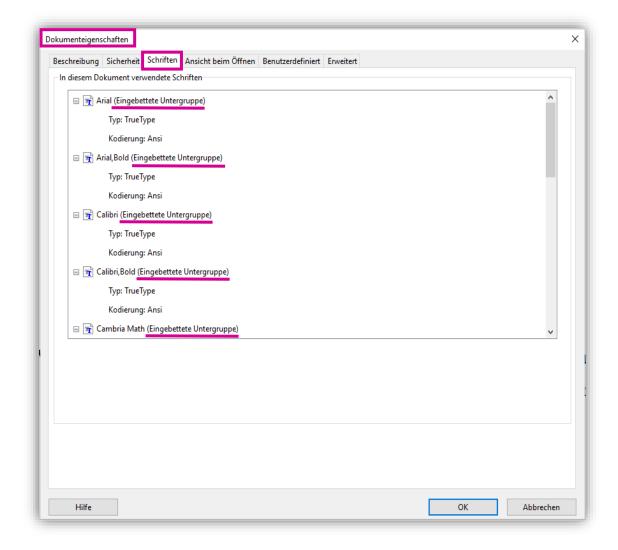
#### 6. DOCUMENT PROPERTIES > FONTS

The next tab in the dialog box *Document Properties* is *Fonts*. When fonts are correctly embedded in your original file, all textual elements will be saved and displayed without losses in your PDF/A document, too. This is especially important when using fonts with ligatures, special characters, symbols, non-Latin characters or non-standard fonts.

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In MS Word, this can be achieved easily by choosing and ticking *File > Options > Save > Embed fonts in the file.* 





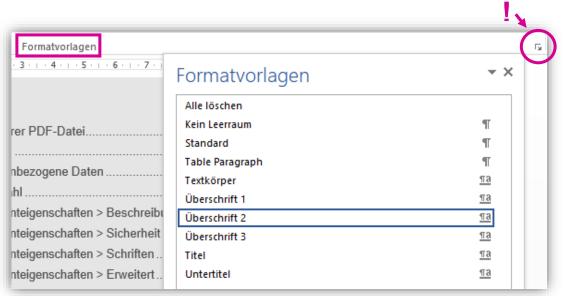
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When working with style templates (here: Formatvorlagen) while writing your document, a table of contents will automatically be created based on your chapter headings. After the conversion, the document structure will be adopted in the PDF/A and bookmarks (here: Lesezeichen) will be created. Bookmarks enable users an easy and quick orientation within text.

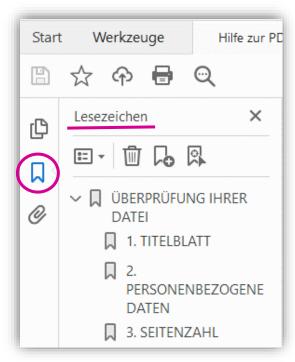
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Alternatively, style templates for headings can be added at a later point manually. In MS Word, the individual headings must be marked and then connected with the corresponding heading style via *Home > Styles > Heading 1 (2, 3, 4...)*. When saving the file as PDF, click on the button *Options* and choose *Create bookmarks using: > Headings*.

With Adobe Acrobat Pro, bookmarks can be added one by one per hand directly in the PDF.



Style templates Word file



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All images must be embedded in your PDF/A file. They must not contain references to external sources such as websites.

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If unwanted automatically generated alternative texts or mouseover texts indicating the paths to images' original location are visible, make sure to remove these.

In MS Word (depending on the version), the function can be found: 1. for a selected image under Format Picture > Layout & Properties > Alt Text > Description or 2. for all images under File > Options > Accessibility. Alternatively, when saving the document, unticking the box under File > Save As > PDF > Options > Include non-printing information > Document structure tags for accessibility can help. Alternative texts for individual images can also be edited in Adobe Pro under Tools > Accessibility > Set Alternative Text.

# 10. PDF/A FORMAT

The submitted file must be compliant with the long-term archiving format PDF/A, specifically with its basic level (-1b or -2b). Files in the accessible level (-1a and -2a) will also be accepted.

For format validation and conversion, the <u>BTU PDF/A converter</u> is available to all BTU members. In addition, the metadata filled out in this tool will automatically be transferred and correctly placed into the PDF/A file during the conversion process (see point 4).

For more information on PDF/A formats and long-time archiving, see:

TU Berlin: Creating PDF/A-compliant files

PDF/A in a nutshell 2.0 PDF/A Kompakt

S. Henneberger: Erstellung und Bearbeitung von PDF-Dokumenten...

SLUB Dresden: Technische Standards für die Ablieferung von Netzpublikationen

ETH Zürich: Erstellung von leistungsfähigen PDF-Dokumenten mit LaTeX



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