



Summary Report T2 Migration Test

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Summary Report T2 Migration Test

History of Summary Report T1 Migration Test

Document version	Date of modification	Author	Summary of modifications
1.0	31 October 2006	Caroline van Wijk	

Related documents

Test plan KB and Migration, Caroline van Wijk (2006)

Report T2 Migration Test PDF Version Converter-DRM, Caroline van Wijk (2006)

Report T2 Migration Test PDF Version Converter-Jhove, Caroline van Wijk (2006)

Report T2 Migration Test PDF Version Converter-Special Files, Caroline van Wijk (2006)

Report T2 Migration Test PDF Version Converter-Versions, Caroline van Wijk (2006)

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Summary Report T2 Migration Test

1 Introduction

1.1 Purpose of this document

The results of the T2 Migration Tests are summarised in this document

1.2 Sections in this document

Summary T2 Migration Test

The summary contains the migration results of the T2 Migration Test in perspective of digital preservation and general remarks.

Preliminary conclusion and follow-up

Preliminary conclusion and next concrete steps.

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2 Summary T2 Migration Test

Results Migration guideline

Performance

PDF Version Converter

The conversion tool performed the conversions within a reasonable time span. No requirements were defined for the performance of the conversion tool in advance, however. The conversions were too fast to measure manually.

Accuracy

PDF Version Converter

- Tagging in a source file was removed by the conversion
- An error in the PDF structure causes the conversion tool to generate an error message and a faulty conversion.
- A PDF containing a slide show causes the conversion tool to generate an error message. The file could not be converted.
- Permission settings in a source PDF were changed by the conversion

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Preliminary conclusion and follow-up

Preliminary conclusion

The tested version converter tool does not meet the Migration guideline. During the tests more requirements for conversion tools have become apparent.

Follow-up

Requirements

For the next research period the requirements for conversion tools will be extended.

The requirements are:

- Accuracy (technical and functional properties of source file and target file), including for example the actual printing accuracy of the original and converted file
- Tool configuration possibilities
- Performance
- Batch migration and automatic migration possibilities
- Logging of conversion process
- Error messages

Batch migration and automatic migration tools

Due to an internal KB decision, next tests will research (proprietary) batch migration tools that can be used in the operational workflow of the e-Depot.

Jhove errors

Certain errors or combinations of errors (generated by extraction tool Jhove) can thwart a migration. An overview of Jhove error (combinations) and consequences for viewing (rendering in a reader) and migrating will be assembled from the test results.