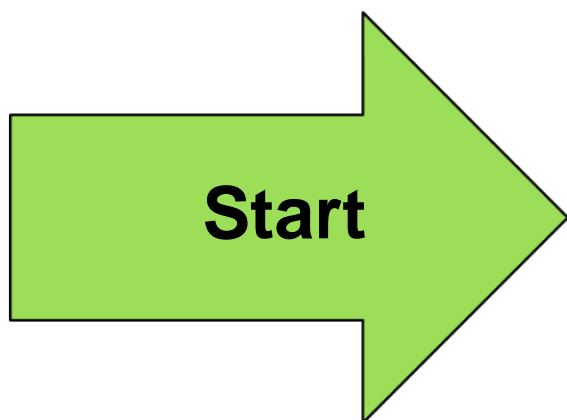




IMPACT Storage Estimator

Version 4.0, February 2011



Instructions for Use

This tool will estimate the storage required by your project for the images and OCR output files made within the workflow. To use it, please click the start button on the left and enter the details of how many images and what compression is used in the appropriate boxes.

For support use our HelpDesk at: www.impact-project.eu/helpdesk. If required, please consult our detailed IMPACT Storage Estimator Tutorial and background notes that can be downloaded from the IMPACT website under www.impact-project.eu.

Although great care was taken in producing this storage estimator, you use it at your own risk. IMPACT can not guarantee the absence of errors or omissions in this tool. If you find any mistakes, please contact the authors at impact@bsb-muenchen.de.



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IMPACT Storage Estimator

Version 4.0, February 2011



Dark green cells necessarily to be filled
Light green cells optionally to be filled / changed

Results will be displayed in the blue cells
Red cells contain error messages

Master Files	
Number of Files	10000
File Format	TIFF
TIFF Compression Method	
Compression Rate	1
TIFF Compression Rate	1
Resolution (ppi)	400
Bit Depth / Colour Depth	24
Image Height	10000.00
Image Width	1000.00
Unit Image Size	Pixel
Required Storage in Kilobyte (KB)	292,968,750
Required Storage in Megabyte (MB)	286,102
Required Storage in Gigabyte (GB)	279
Required Storage in Terabyte (TB)	0.27

Derivative Files for OCR	
Number of Files	10000
File Format	JPEG (100%, colour)
TIFF Compression Method	
Compression Rate	0.24
TIFF Compression Rate	1
Resolution (ppi)	300
Bit Depth / Colour Depth	24
Image Height	10000.00
Image Width	1000.00
Unit Image Size	Pixel
Required Storage in Kilobyte (KB)	39,550,781
Required Storage in Megabyte (MB)	38,624
Required Storage in Gigabyte (GB)	38
Required Storage in Terabyte (TB)	0.04

Derivative Files for Web	
Number of Files	10000
File Format	JPEG (50%, colour)
TIFF Compression Method	
Compression Rate	0.03
TIFF Compression Rate	1
Resolution (ppi)	150
Bit Depth / Colour Depth	24
Image Height	10000.00
Image Width	1000.00
Unit Image Size	Pixel
Required Storage in Kilobyte (KB)	1,235,962
Required Storage in Megabyte (MB)	1,207
Required Storage in Gigabyte (GB)	1
Required Storage in Terabyte (TB)	0.00

OCR Result Files	
Number of Files	10000
File Format	Character Level Information (*.xml)
Format Factor	198.47
Publication Size (Characters per Image / Page)	Large book (4000 Characters)
Characters related to Publication Size	4000
Characters per Image / Page (Manual Input)	
Characters per Image	4000
Required Storage in Kilobyte (KB)	9,960,853
Required Storage in Megabyte (MB)	9,727
Required Storage in Gigabyte (GB)	9
Required Storage in Terabyte (TB)	0.01

Total Number of Storage Media	
CD (700 MB)	480
DVD (4,7 GB)	70
Linear Tape-Open 1 Native (100 GB)*	4
Linear Tape-Open 2 Native (200 GB)*	2
Linear Tape-Open 3 Native (400 GB)*	1
Linear Tape-Open 4 Native (800 GB)*	1

Total Required Storage	
Kilobyte (KB)	343,716,346
Megabyte (MB)	335,660
Gigabyte (GB)	328
Terabyte (TB)	0.32

* If compression is used - divide the output in half

Project related information	
Institution / Company:	IMPACT
Project name:	Storage Estimator
Digital stock description:	European Heritage
Calculated by:	Munich Digitization Center
Calculation date:	9/30/2019

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