

Used workspaces metadata				
	ID	Font	Year	
VD16 – 169 pages	urn:nbn:de:gbv:3:1-326439	Mix	1595	
VD17 – 32 pages	urn:nbn:de:bsz:14-db-id3272770845	Mix	1604	
VD18 – 140 pages	PPN1023134829	Fraktur	1743	
VD18 – 85 pages	PPN63511240X	Antiqua	1763	
VD18 – 81 pages	PPN841193452	Fraktur	1666	

Default Operandi Workflow – no mets server, no process forks (With mets caching)						
	RAM: 32GB					
Exec time	1 CPU	2 CPU	4 CPU	8 CPU	16 CPU	32 CPU
VD16 – 169 pages	1h 59m 57s	1h 52m 38s	2h 22m 7s	1h 44m 53s	2h 18m 4s	2h 3m 26s
VD17 – 32 pages	1h 45m 59s	1h 35m 47s	1h 29m 27s	1h 28m 1s	1h 25m 31s	1h 33m 12s
VD18 – 140 pages	1h 33m 21s	1h 1m 57s	1h 39m 29s	57m 54s	54m 48s	56m 28s

Default Operandi Workflow – no mets server and process forks (forks = CPUs) (No mets caching!)						
	RAM: 32GB				128 GB	
Exec time	1 CPU	2 CPU	4 CPU	8 CPU	16 CPU	32 CPU
VD16 – 169 pages	2h 9m 20s	1h 12m 46s	41m 25s	23m 13s		
VD17 – 32 pages	1h 40m 29s	55m 2s	30m 59s	22m 48s		
VD18 – 140 pages	1h 20m 28s	42m 59s	23m 15s	14m 15s		

Default Operandi Workflow - mets server and process forks (forks = CPUs) (With mets caching)						
	RAM: 32GB				128 GB	
Exec time	1 CPU	2 CPU	4 CPU	8 CPU	16 CPU	32 CPU
VD16 – 169 pages	2h 27m 6s	1h 39m 30s	1h 11m 3s	40m 2s	21m 46s	ERROR
VD17 – 32 pages	2h 0m 27s	1h 11m 11s	48m 51s	31m 56s	14m 14s	ERROR
VD18 – 140 pages	1h 13m 22s	39m 40s	24m 40s	13m 4s	ERROR	ERROR

Default Operandi Workflow – no mets server and process forks (forks = CPUs) (No mets caching!)						
	RAM: 32GB				128 GB	
Exec time	1 CPU	2 CPU	4 CPU	8 CPU	16 CPU	32 CPU
Antiqua – 85 pages	1h 2m 55s	34m 17s	21m 36s	13m 59s		
Fraktur – 81 pages	49m 15s	27m 42s	16m 2s	10m 9s		

ODEM Workflow – no mets server, no process forks (With mets caching)						
	RAM: 32GB					
Exec time	1 CPU	2 CPU	4 CPU	8 CPU	16 CPU	32 CPU
VD18 – 140 pages	43m 58s	35m 18s	35m 8s	34m 54s	35m 28s	35m 9s

ODEM Workflow – no mets server, process forks (forks = CPUs) (No mets caching!)						
	RAM: 32GB				128 GB	
Exec time	1 CPU	2 CPU	4 CPU	8 CPU	16 CPU	32 CPU
VD18 – 140 pages	45m 57s	27m 38s	16m 39s	9m 56s	6m 20s	ERROR

ODEM Workflow - mets server and process forks (forks = CPUs) (With mets caching)						
	RAM: 32GB				128 GB	
Exec time	1 CPU	2 CPU	4 CPU	8 CPU	16 CPU	32 CPU
VD18 – 140 pages	53m 29s	36m 1s	22m 22s	10m 15s	8m 19s	ERROR

operandi_benchmarking

ODEM Workflow – no mets server and process forks (forks = CPUs) (No mets caching!)						
	RAM: 32GB				128 GB	
Exec time	1 CPU	2 CPU	4 CPU	8 CPU	16 CPU	32 CPU
Antiqua – 85 pages	51m 56s	17m 50s	10m 53s	8m 26s		
Fraktur – 81 pages	36m	16m 45s	14m 23s	BUS ERROR		

SBB Workflow 1 - mets server and process forks (forks = CPUs) (With mets caching)						
	RAM: 32GB		RAM: 64GB		RAM: 128 GB	
Exec time	8 CPU	16 CPU	8 CPU	16 CPU	8 CPU	16 CPU
VD18 – 140 pages	10h 3m 55s	Out of Mem	7h 59m 37s	9h 37m 31s	8h 4m 4s	9h 27m 7s

Default Operandi Workflow – Manually checked accuracy			
Word accuracy	Page 9	Page 19	Page 29
VD16 – 169 pages	67.32%	88.48%	89.60%
VD17 – 32 pages	94.32%	87.72%	87.26%
VD18 – 140 pages	95.29%	97.41%	94.44%