

Humdrum/Unix Commands #1
Music 254

Action	Command	Option	Example
File validation			
Find 7 general properties (component record types) of a file; works with **kern only	census		census
Find 10 more features (features of notation)	census	-k	census -k *
Check Humdrum file and spine syntax	humdrum		
Output the results	humdrum	-v	humdrum -v *
Check syntax of **kern file	proof		
Suppress warnings in output	proof	-w	proof -w *
File manipulation: extract reference information (!!!)			
Find a record type	grep		grep '!!!OTL:' *
Count number of instances	grep	-c	grep -c '^=
Output only the file names	grep	-l	grep -l '!!!AIN:.*cor' bwv*.krm
Eliminate file-name prefixes	grep	-h	grep -h '!!!OTL:' *
Sort records in files	sort		grep -h '!!!OTL:' * sort > titles
Select repeated lines	uniq		grep -h '!!!OTL:' * sort uniq
Count the number of duplicated record	uniq	-c	
Output duplicated records only	uniq	-d	grep -h '!!!COM:' * sort uniq -d
Output unique records only	uniq	-u	grep -h '!!!COM:' * sort uniq -u
File manipulation: horizontal (get records)			
Eliminate designated record types	rid		
Remove (null) global comments	rid	-G (-g)	
Remove (null) local comments	rid	-L (-l)	rid -GL > newfile
Remove (null) interpretation records	rid	-I (-i)	
Remove (null) data records	rid	-D (-d)	rid -GLId > newfile
Remove tandem interpretations	rid	-T	
Remove duplicate exclusive interpretations	rid	-U	
File manipulation: vertical (get spines)			
Retrieve specific spines (parts) from a file	extract		
Field mode; spines may be identified by number	extract	-f	extract -f 1, 3, 8
Interpretation mode	extract	-i	extract -I '*Ioboe' bwv1047a.krn census -k
Spine-path mode	extract	-p	
Field-trace mode	extract	-t	

