
REPRESENTATION

****vox#** — representation of number of concurrently active voices

DESCRIPTION

The ****vox#** representation permits the representation of the number of notes sounding together at successive moments in time. The ****vox#** representation distinguishes just two types of data tokens: number-tokens, and barlines. Each ****vox#** number-token consists of a single integer value indicating the total number of simultaneously sounding voices.

Barlines are represented using the “common system” for barlines — see **barlines (2)**.

FILE TYPE

It is recommended that files containing predominantly ****vox#** data should be given names with the distinguishing ‘.vox’ extension.

SIGNIFIERS

The following table summarizes the ****vox#** mappings of signifiers and signifieds.

0-9	integer values; measure numbers
=	barline; == double barline
;	pause (for barlines)

*Summary of ****vox#** Signifiers*

EXAMPLES

A sample document is given below:

**kern	**kern	**kern	**kern	**kern	**vox#	
=18	=18	=18	=18	=18	=18	
8r	8B	4.g	8g	8dd)	4	
8BBn	8B	.	8dd	8gg	5	
8BB	8B	.	8dd	8gg	5	
8BB	8B	8d	8g	8ff	5	
=19	=19	=19	=19	=19	=19	
4C	4c	4e-	4c 4g 4ee-	4ee-	7	
4r	4r	4r	4r	4r	0	
=20	=20	=20	=20	=20	=20	
4AA-	4AA-	4a-	4a- 4f# 4cc	4a- 4f# 4cc	9	
8.r	8.r	8.r	8.r	8.r	0	
=21	=21	=21	=21	=21	=21	
*	*	*	*	*^	*	
4GG	4GG	4G	4g 4d 4bn	4G 4d 4bn	2gg;	10
4r	4r	4r	4r	4r	.	1
*_	*_	*_	*_	*_	*_	*_

PERTINENT COMMANDS

The following Humdrum command produces ****vox#** data as output:

vox determine number of concurrently active voices for ****cbr**, ****cents**, ****cocho**, ****deg**, ****degree**, ****freq**, ****kern**, ****pc**, ****pitch**, ****semit**, ****solfa**, ****solfg**, ****specC**, and ****Tonh**

TANDEM INTERPRETATIONS

The following tandem interpretations can be used in conjunction with ****vox#**:

meter signatures	*M6/8
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*Tandem interpretations for **vox#*

SEE ALSO

barlines (2), ****barks** (2), ****cbr** (2), ****cents** (2), ****cocho** (2), ****deg** (2), ****degree** (2), ****freq** (2), ****kern** (2), ****pc** (2), ****pitch** (2), ****semit** (2), ****solfa** (2), ****solfg** (2), ****specC** (2), ****Tonh** (2), **vox** (4)