

5.132 divisible

	DESCRIPTION	LINKS
Origin	Arithmetic.	
Constraint	<code>divisible(Q,D)</code>	
Synonym	<code>div.</code>	
Arguments	Q : <code>dvar</code> D : <code>dvar</code>	
Restrictions	$Q \geq 0$ $D > 0$	
Purpose	Enforce the fact that the first variable Q is divisible by the second variable D .	
Example	<div>(12, 4)</div> <p>The <code>divisible</code> constraint holds since 12 is divisible by 4.</p>	
Typical	$Q > 1$ $D < Q$	
See also	implies: <code>divisible_or</code> .	
Keywords	constraint arguments: <code>binary constraint</code> . constraint type: <code>predefined constraint</code> , <code>arithmetic constraint</code> . filtering: <code>arc-consistency</code> .	

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