

5.132 divisible

	DESCRIPTION	LINKS
Origin	Arithmetic.	
Constraint	<code>divisible(Q,D)</code>	
Synonym	<code>div.</code>	
Arguments	<code>Q : dvar</code> <code>D : 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	<code>(12,4)</code> The <code>divisible</code> constraint holds since 12 is divisible by 4.	
Typical	$Q > 1$ $D < Q$	
See also	implies: <code>divisible_or</code> .	
Keywords	constraint arguments: binary constraint. constraint type: predefined constraint, arithmetic constraint. filtering: arc-consistency.	

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