5.133   divisible_or

Origin   Arithmetic.

Constraint   divisible_or(C, D)

Synonym   div_or.

Arguments   C : dvar
                  D : dvar

Restrictions C > 0
                  D > 0

Purpose   Enforce the fact that the first variable C is divisible by the second variable D, or that D is divisible by C.

Example   (4, 12)

                  The divisible_or constraint holds since 12 is divisible by 4.

See also   **implied by:** divisible.

                  implies: same_sign, zero_or_not_zero.

Keywords   **constraint arguments:** binary constraint.

                  constraint type: predefined constraint, arithmetic constraint.