

numberlistp

List of numbers protocol.

author:

Paulo Moura

version:

1.2

date:

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compilation:

static, context_switching_calls

(no dependencies on other files)

Public interface

product/2

Calculates the product of all list numbers. Fails if the list is empty.

compilation:

static

template:

product(List,Product)

mode - number of solutions:

product(+list(number),?number) - zero_or_one

sum/2

Calculates the sum of all list numbers. Returns zero if the list is empty.

compilation:

static

template:

sum(List,Sum)

mode - number of solutions:

sum(+list(number),?number) - one

average/2

Calculates the average (i.e. arithmetic mean) of a list of numbers. Fails if the list is empty.

compilation:

static

template:

average(List,Average)

mode - number of solutions:

average(+list(number),?float) - zero_or_one

Protected interface

(none)

Private predicates

(none)