

code

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code

Usage and interface

- **Library usage:**

```
:- use_module(/mnt/c/Users/tonyf/OneDrive/Bureau/Documents
Anthony/travail/UPM Madrid/programación declarativa/exo/E2/code.pl).
```
- **Exports:**
 - *Predicates:*
`author_data/4, natural/1, suma/3, less/2, mod/3, par/1, impar/1, suma_a_`
`lista/3, pares_lista/2, extrae_elemento/4.`

Documentation on exports

author_data/4: Ferrere Hoareau Anthony, 240915	PREDICATE
natural/1: Definition of the natural number $0=0$, $s(0)=1$...	PREDICATE
suma/3: Determine the sum of X and Y	PREDICATE
less/2: Determine if X is smaller than Y	PREDICATE
mod/3: Determine the remainder of the division of X by Y, using the predicates suma/3 and less/2	PREDICATE
par/1: Determine if a number is even	PREDICATE
impar/1: Determine if a number is odd	PREDICATE
suma_a_lista/3: Calculate the sum of each element in a list with an element N, using the predicate suma/3	PREDICATE

pares_lista/2:

PREDICATE

Returns a list containing all the even elements of another, using the predicates `par/1` and `impar/1`

extrae_elemento/4:

PREDICATE

Determine and remove an element `E` located at index `I` in a list

Documentation on imports

This module has the following direct dependencies:

– *Internal (engine) modules:*

`term_basic`, `basiccontrol`, `debugger_support`, `basic_props`.

– *Packages:*

`pure`, `initial`, `condcomp`, `assertions`, `assertions/assertions_basic`.