

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.`