

pseudocode.sty

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`pseudocode.sty` defines a language with listings package for writing algorithms in a natural way (in english or in french).

The following L^AT_EX code:

```
\begin{pseudo}
Function integer greatestCommonDivisor(integer a, integer b)
begin
  while (a <> b) do
    if a > b
      a := a - b
    else
      b <- b - a
    endif
  endwhile
  return a
end
\end{pseudo}
```

produces:

```
Function integer greatestCommonDivisor(integer a, integer b)
begin
  while (a ≠ b) do
    if a > b
      a ← a - b
    else
      b ← b - a
    endif
  endwhile
  return a
end
```

Same example but written french:

```
Fonction entier plusGrandCommunDiviseur(entier a, entier b )
Début
  tant que ( a != b ) faire
    si ( a > b )
      a := a - b
    sinon
      b <- b - a
    finsi
  fintantque
  retourner a
Fin
```