

## 1. THE FILE `isogram.pl`

<code>isogram(Phrase)</code>
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`isogram.pl`

Determine if a word or phrase is an isogram.

`isogram(Phrase) :-`

Convert *Phrase* to lower case and unify the result with *LowerPhrase*.

`string_lower(Phrase, LowerPhrase),`

Convert *LowerPhrase* to a list of character codes and unify the result with *Codes*.

`string_codes(LowerPhrase, Codes),`

Filter elements of *Codes* for which `is_alpha/1` succeeds and unify the result with *Letters*.

`include(is_alpha, Codes, Letters),`

True if *Letters* is a proper list without duplicates.

`is_set(Letters).`