

# Package ‘lexmapR’

January 7, 2022

**Type** Package

**Title** Map terms to the FoodOn ontology

**Version** 0.1.0

## Description

Map food terms to the FoodOn ontology using the LexMapr tool (<https://github.com/Public-Health-Bioinformatics/LexMapr>). lexmapR invokes a system command to run LexMapr in a docker container (<https://github.com/wilsontom/lexmapr-docker>).

## Imports

tibble,  
jsonlite,  
rjson,  
readr,  
stevedore,  
crayon,  
clisymbols,  
stringr,  
uuid,  
purrr

**License** GPL (>= 3)

**Encoding** UTF-8

**LazyData** true

**RoxygenNote** 7.1.1

## R topics documented:

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check_image	<i>Check for docker image</i>
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**Description**

Check if the lexmapr-dokcer image is available

**Usage**

```
check_image()
```

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FoodOnMatch	<i>Food Ontology Match</i>
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**Description**

Match food terms to the FoodOn Ontology

**Usage**

```
FoodOnMatch(food_terms, onto_terms)
```

**Arguments**

food_terms	a vector of food terms to classify
onto_terms	a vector of OBO ontology terms to be included in the mapping (ie, 'BFO_0000001')

**Value**

a 'tibble' of food term ontology mappings and third-party classifications

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