Package: getLattes (via r-universe)

<div align="center">September 10, 2024</div>

Type Package

Title Import and Process Data from the 'Lattes' Curriculum Platform

Version 0.3.0

Maintainer Roney Fraga Souza <roneyfraga@gmail.com>

Description Tool for import and process data from 'Lattes' curriculum
platform (<http://lattes.cnpq.br/>). The Brazilian government
keeps an extensive base of curricula for academics from all
over the country, with over 5 million registrations. The
academic life of the Brazilian researcher, or related to
Brazilian universities, is documented in 'Lattes'. Some
information that can be obtained: professional formation,
research area, publications, academics advisories, projects,
etc. 'getLattes' package allows work with 'Lattes' data
exported to XML format.

License GPL-3

Encoding UTF-8

LazyData TRUE

RoxygenNote 7.3.1

URL <https://github.com/roneyfraga/getLattes>

BugReports <https://github.com/roneyfraga/getLattes/issues>

Suggests knitr, rlang, rmarkdown

VignetteBuilder knitr

Imports xml2, dplyr, tibble, janitor, purrr

Depends R (>= 4.1.0)

Repository https://roneyfraga.r-universe.dev

RemoteUrl https://github.com/roneyfraga/getlattes

RemoteRef HEAD

RemoteSha d99e1a866620644cb1be5e7e0a6b48b3545c08fa

Contents

---

getAreasAtuacao   *getAreasAtuacao*

Description

Extract Research Area from 'Lattes' XML file.

Usage

```
getAreasAtuacao(curriculo)
```

Arguments

curriculo   'Lattes' XML imported as 'xml2::read_xml()'.

Details

Curriculum without this information will return NULL.

Value

data frame

See Also

[xml_find_all,xml_attr bind,mutate clean_names](#)

Examples

```
if(interactive()) {

# to import from one curriculum
# curriculo <- xml2::read_xml('file.xml')
# getAreasAtuacao(curriculo)

}
```

---

  getArtigosAceitos   *getArtigosAceitos*

Description

Extract accepteds papers from 'Lattes' XML file.

Usage

```
getArtigosAceitos(curriculo)
```

Arguments

curriculo   'Lattes' XML imported as 'xml2::read_xml()'.

Details

Curriculum without this information will return NULL.

Value

data frame

See Also

[xml_find_all](#), [xml_attr map](#), [map2](#), [pmap bind_rows](#), [bind_cols](#), [mutate clean_names tibble](#)

Examples

```
if(interactive()) {

# to import from one curriculum
# curriculo <- xml2::read_xml('file.xml')
# getArtigosAceitos(curriculo)

}
```

---

getArtigosPublicados   *getArtigosPublicados*

Description

Extract published papers from 'Lattes' XML file.

Usage

```
getArtigosPublicados(curriculo)
```

Arguments

curriculo   'Lattes' XML imported as 'xml2::read_xml()'.

Details

Curriculum without this information will return NULL.

Value

data frame

See Also

[xml_find_all,xml_attr map,map2 bind,mutate clean_names tibble](#)

Examples

```
if(interactive()) {

# to import from one curriculum
# curriculo <- xml2::read_xml('file.xml')
# getArtigosPublicados(curriculo)

}
```

getAtuacoesProfissionais
getAtuacoesProfissionais

Description

Extract profissional links from 'Lattes' XML file.

Usage

```
getAtuacoesProfissionais(curriculo)
```

Arguments

curriculo   'Lattes' XML imported as 'xml2::read_xml()'.

Details

Curriculum without this information will return NULL.

Value

data frame

See Also

[xml_find_all,xml_attr map,map2 bind,mutate clean_names](#)

Examples

```
if(interactive()) {

# to import from one curriculum
# curriculo <- xml2::read_xml('file.xml')
# getAtuacoesProfissionais(curriculo)

}
```

getBancasDoutorado *getBancasDoutorado*

Description

Extract Ph.D. Examination Board's from 'Lattes' XML file.

Usage

```
getBancasDoutorado(curriculo)
```

Arguments

curriculo   'Lattes' XML imported as 'xml2::read_xml()'.

Details

Curriculum without this information will return NULL.

Value

data frame

See Also

[xml_find_all,xml_attr](#) [map,map2](#) [bind,mutate](#) [clean_names](#) [tibble](#)

Examples

```
if(interactive()) {

# to import from one curriculum
# curriculo <- xml2::read_xml('file.xml')
# getBancasDoutorado(curriculo)

}
```

getBancasGraduacao *getBancasGraduacao*

Description

Extract Undergraduate Examination Board's from 'Lattes' XML file.

Usage

```
getBancasGraduacao(curriculo)
```

Arguments

curriculo   'Lattes' XML imported as 'xml2::read_xml()'.

Details

Curriculum without this information will return NULL.

Value

data frame

See Also

[xml_find_all,xml_attr map,map2 bind,mutate clean_names tibble](#)

Examples

```
if(interactive()) {

# to import from one curriculum
# curriculo <- xml2::read_xml('file.xml')
# getBancasGraduacao(curriculo)

}
```

getBancasMestrado   *getBancasMestrado*

Description

Extract Master Examination Board's from 'Lattes' XML file.

Usage

```
getBancasMestrado(curriculo)
```

Arguments

curriculo   'Lattes' XML imported as 'xml2::read_xml()'.

Details

Curriculum without this information will return NULL.

Value

data frame

See Also

[xml_find_all,xml_attr map,map2 bind,mutate clean_names tibble](#)

Examples

```
if(interactive()) {

# to import from one curriculum
# curriculo <- xml2::read_xml('file.xml')
# getBancasMestrado(curriculo)

}
```

getCapitulosLivros *getCapitulosLivros*

Description

Extract Books Chapter from 'Lattes' XML file.

Usage

```
getCapitulosLivros(curriculo)
```

Arguments

curriculo 'Lattes' XML imported as 'xml2::read_xml()'.

Details

Curriculum without this information will return NULL.

Value

data frame

See Also

[xml_find_all,xml_attr map,map2 bind,mutate clean_names tibble](#)

Examples

```
if(interactive()) {

# to import from one curriculum
# curriculo <- xml2::read_xml('file.xml')
# getCapitulosLivros(curriculo)

}
```

getDadosGerais *getDadosGerais*

Description

Extract General Data from 'Lattes' XML file.

Usage

```
getDadosGerais(curriculo)
```

Arguments

curriculo   'Lattes' XML imported as 'xml2::read_xml()'.

Details

Curriculum without this information will return NULL.

Value

data frame

See Also

[xml_find_all,xml_attr bind,mutate clean_names](#)

Examples

```
if(interactive()) {

# to import from one curriculum
# curriculo <- xml2::read_xml('file.xml')
# getDadosGerais(curriculo)

}
```

getEnderecoProfissional

getEnderecoProfissional

Description

Extract Profissional Address from 'Lattes' XML file.

Usage

```
getEnderecoProfissional(curriculo)
```

Arguments

curriculo   'Lattes' XML imported as 'xml2::read_xml()'.

Details

Curriculum without this information will return NULL.

Value

data frame

See Also

[xml_find_all,xml_attr bind,mutate clean_names](#)

Examples

```
if(interactive()) {

# to import from one curriculum
# curriculo <- xml2::read_xml('file.xml')
# getEnderecoProfissional(curriculo)

}
```

getEventosCongressos *getEventosCongressos*

Description

Extract Events and Congresses from 'Lattes' XML file.

Usage

```
getEventosCongressos(curriculo)
```

Arguments

curriculo   'Lattes' XML imported as 'xml2::read_xml()'.

Details

Curriculum without this information will return NULL.

Value

data frame

See Also

[xml_find_all,xml_attr,xml_children](#) [map,map2](#) [bind,mutate,select](#) [clean_names](#) [tibble](#)

Examples

```
if(interactive()) {

# to import from one curriculum
# curriculo <- xml2::read_xml('file.xml')
# getEventosCongressos(curriculo)

}
```

getFormacaoDoutorado   *getFormacaoDoutorado*

Description

Extract Profissional Formation from 'Lattes' XML file.

Usage

```
getFormacaoDoutorado(curriculo)
```

Arguments

curriculo   'Lattes' XML imported as 'xml2::read_xml()'.

Details

Curriculum without this information will return NULL.

Value

data frame

See Also

[xml_find_all,xml_attr,xml_children map,map2 bind,mutate clean_names tibble](#)

Examples

```
if(interactive()) {

# to import from one curriculum
# curriculo <- xml2::read_xml('file.xml')
# getFormacaoDoutorado(curriculo)

}
```

getFormacaoGraduacao   *getFormacaoGraduacao*

Description

Extract Profissional Formation from 'Lattes' XML file.

Usage

```
getFormacaoGraduacao(curriculo)
```

Arguments

curriculo   'Lattes' XML imported as 'xml2::read_xml()'.

Details

Curriculum without this information will return NULL.

Value

data frame

See Also

[xml_find_all,xml_attr map bind,mutate clean_names](#)

Examples

```
if(interactive()) {

# to import from one curriculum
# curriculo <- xml2::read_xml('file.xml')
# getFormacaoGraduacao(curriculo)

}
```

getFormacaoMestrado *getFormacaoMestrado*

Description

Extract Profissional Formation from 'Lattes' XML file.

Usage

```
getFormacaoMestrado(curriculo)
```

Arguments

curriculo   'Lattes' XML imported as 'xml2::read_xml()'.

Details

Curriculum without this information will return NULL.

Value

data frame

See Also

[xml_find_all,xml_attr,xml_children map,map2 bind,mutate clean_names tibble](#)

Examples

```
if(interactive()) {

# to import from one curriculum
# curriculo <- xml2::read_xml('file.xml')
# getFormacaoMestrado(curriculo)

}
```

getId *getId*

Description

Extract the unique 16 digits identification from 'Lattes' XML file.

Usage

```
getId(curriculo)
```

Arguments

curriculo   'Lattes' XML imported as 'xml2::read_xml()'.

Details

Curriculum without this information will return NULL.

Value

character

See Also

[xml_attr](#) [bind](#),[select](#),[pull](#)

Examples

```
if(interactive()) {

# to import from one curriculum
# curriculo <- xml2::read_xml('file.xml')
# getId(curriculo)

}
```

getIdiomas *getIdiomas*

Description

Extract Languages from 'Lattes' XML file.

Usage

```
getIdiomas(curriculo)
```

Arguments

curriculo   'Lattes' XML imported as 'xml2::read_xml()'.

Details

Curriculum without this information will return NULL.

Value

data frame

See Also

[xml_find_all,xml_children,xml_attr map bind,mutate clean_names](#)

Examples

```
if(interactive()) {

# to import from one curriculum
# curriculo <- xml2::read_xml('file.xml')
# getIdiomas(curriculo)

}
```

---

getLinhaPesquisa   *getLinhaPesquisa*

Description

Extract Research Lines from 'Lattes' XML file.

Usage

```
getLinhaPesquisa(curriculo)
```

Arguments

curriculo   'Lattes' XML imported as 'xml2::read_xml()'.

Details

Curriculum without this information will return NULL.

Value

data frame

See Also

[xml_find_all,xml_attr map,map2 bind,mutate clean_names](#)

Examples

```
if(interactive()) {

# to import from one curriculum
# curriculo <- xml2::read_xml()('file.xml')
# getLinhaPesquisa(curriculo)

}
```

getLivrosPublicados *getLivrosPublicados*

Description

Extract Published Books from 'Lattes' XML file.

Usage

```
getLivrosPublicados(curriculo)
```

Arguments

curriculo   'Lattes' XML imported as 'xml2::read_xml()'.

Details

Curriculum without this information will return NULL.

Value

data frame

See Also

[xml_find_all,xml_attr,xml_children](#) [map,map2](#) [bind,mutate,select](#) [clean_names](#) [tibble](#)

Examples

```
if(interactive()) {

# to import from one curriculum
# curriculo <- xml2::read_xml('file.xml')
# getLivrosPublicados(curriculo)

}
```

getOrganizacaoEventos *getOrganizacaoEventos*

Description

Extract Event's Organization from 'Lattes' XML file.

Usage

```
getOrganizacaoEventos(curriculo)
```

Arguments

curriculo   'Lattes' XML imported as 'xml2::read_xml()'.

Details

Curriculum without this information will return NULL.

Value

data frame

See Also

[xml_find_all,xml_attr map,map2 bind,mutate clean_names tibble](#)

Examples

```
if(interactive()) {

# to import from one curriculum
# curriculo <- xml2::read_xml('file.xml')
# getOrganizacaoEventos(curriculo)

}
```

getOrientacoesDoutorado

getOrientacoesDoutorado

Description

Extract Academic Advisory (Ph.D. Thesis) from "Lattes' XML file.

Usage

```
getOrientacoesDoutorado(curriculo)
```

Arguments

curriculo   'Lattes' XML imported as 'xml2::read_xml()'.

Details

Curriculum without this information will return NULL.

Value

data frame

See Also

[xml_find_all,xml_attr map,map2 bind,mutate clean_names](#)

Examples

```
if(interactive()){

# to import from one curriculum
# curriculo <- xml2::read_xml('file.xml')
# getOrientacoesDoutorado(curriculo)

}
```

getOrientacoesMestrado

getOrientacoesMestrado

Description

Extract Academic Advisory (Master Thesis) from 'Lattes' XML file.

Usage

```
getOrientacoesMestrado(curriculo)
```

Arguments

curriculo   'Lattes' XML imported as 'xml2::read_xml()'.

Details

Curriculum without this information will return NULL.

Value

data frame

See Also

[xml_find_all](),[xml_attr]() [map](),[map2]() [bind](),[mutate]() [clean_names]()

Examples

```
if(interactive()){

 # to import from one curriculum
 # curriculo <- xml2::read_xml('file.xml')
 # getOrientacoesMestrado(curriculo)

 }
```

getOrientacoesPosDoutorado

getOrientacoesPosDoutorado

Description

Extract Academic Advisory (Post-Doctorate) from 'Lattes' XML file.

Usage

```
getOrientacoesPosDoutorado(curriculo)
```

Arguments

curriculo   'Lattes' XML imported as 'xml2::read_xml()'.

Details

Curriculum without this information will return NULL.

Value

data frame

See Also

[xml_find_all](#),[xml_attr](#) [map](#),[map2](#) [bind](#),[mutate](#) [clean_names](#)

Examples

```
if(interactive()){

# to import from one curriculum
# curriculo <- xml2::read_xml('file.xml')
# getOrientacoesPosDoutorado(curriculo)

}
```

---

getOutrasProducoesTecnicas

getOutrasProducoesTecnicas

Description

Extract Other Technical Productions from 'Lattes' XML file.

Usage

```
getOutrasProducoesTecnicas(curriculo)
```

Arguments

curriculo   'Lattes' XML imported as 'xml2::read_xml()'.

Details

Curriculum without this information will return NULL.

Value

data frame

See Also

[xml_find_all,xml_attr,xml_children](#) [map,map2](#) [bind,mutate](#) [clean_names](#) [tibble](#)

Examples

```
if(interactive()) {

# to import from one curriculum
# curriculo <- xml2::read_xml('file.xml')
# getOutrasProducoesTecnicas(curriculo)

}
```

getParticipacaoProjeto

getParticipacaoProjeto

Description

Extract Participation in Projects from 'Lattes' XML file.

Usage

```
getParticipacaoProjeto(curriculo)
```

Arguments

curriculo   'Lattes' XML imported as 'xml2::read_xml()'.

Details

Curriculum without this information will return NULL.

Value

data frame

See Also

[xml_find_all,xml_attr,xml_children map,map2 bind,mutate clean_names tibble](#)

Examples

```
if(interactive()) {

 # to import from one curriculum
 # curriculo <- xml2::read_xml('file.xml')
 # getParticipacaoProjeto(curriculo)

 }
```

getPatentes *getPatentes*

Description

Extract Patent data from 'Lattes' XML file.

Usage

```
getPatentes(curriculo)
```

Arguments

curriculo   'Lattes' XML imported as 'xml2::read_xml()'.

Details

Curriculum without this information will return NULL.

Value

data frame

See Also

[xml_find_all,xml_attr bind,distinct,mutate clean_names](xml_find_all)

Examples

```
if(interactive()) {

# to import from one curriculum
# curriculo <- xml2::read_xml('file.xml')
# getPatentes(curriculo)

}
```

getProducaoTecnica *getProducaoTecnica*

Description

Extract Technical Production from 'Lattes' XML file.

Usage

```
getProducaoTecnica(curriculo)
```

Arguments

curriculo   'Lattes' XML imported as 'xml2::read_xml()'.

Details

Curriculum without this information will return NULL.

Value

data frame

See Also

[xml_find_all](),[xml_attr]() [map](),[map2]() [bind](),[mutate](),[select]() [clean_names]() [tibble]()

Examples

```
if(interactive()) {

# to import from one curriculum
# curriculo <- xml2::read_xml('file.xml')
# getProducaoTecnica(curriculo)

}
```

getTrabalhosEmEventos   *getTrabalhosEmEventos*

Description

Extract published papers from 'Lattes' XML file.

Usage

```
getTrabalhosEmEventos(curriculo)
```

Arguments

curriculo   'Lattes' XML imported as 'xml2::read_xml()'.

Details

Curriculum without this information will return NULL.

Value

data frame

See Also

[xml_find_all,xml_attr map,map2 bind,mutate clean_names tibble](#)

Examples

```
if(interactive()) {

# to import from one curriculum
# curriculo <- xml2::read_xml('file.xml')
# getTrabalhosEmEventos(curriculo)

}
```

writePublicationsRis   *writePublicationsRis*

Description

Function to convert and export Published Articles and Books to RIS format.

Usage

```
writePublicationsRis(
  x,
  filename = "papers.ris",
  append = F,
  citationName = F,
  tableLattes = "ArtigosPublicados"
)
```

Arguments

x	data frame
filename	external file where the data will be saved, Default: 'papers.ris'
append	to an existing file, Default: F
citationName	authors name field, Default: F
tableLattes	bibliographic data to be exported, 'ArtigosPublicados', 'Livros' or 'CapitulosLivros', Default: 'ArtigosPublicados'

Value

data frame

Examples

```
## Not run:
if(interactive()){
 #EXAMPLE1
 }

## End(Not run)
```

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