


licensius-core User Manual

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Name

licensius-core is a jar package wich implements different functionalities to handle licenses in RDF

Synopsis

```
usage: oeg.licensius.core.Licensius
  -findlicenseinrdf <arg>  finds possible licenses in a RDF document.
                           Input is URI pointing to an online RDF
                           document. Output is json.
  -findlicenseintxt <arg>  finds possible licenses in a TEXT document.
                           Input is URI pointing to an online TXT
                           document. Output is json.
  -getinfolicense <arg>   shows basic information of a license in json.
                           Input is RDFLicense URI. Output is json.
  -help                    shows help (Help)
  -isopen <arg>           determines if a license is 'open' according to
                           the http://www.opendefinition.com. Output is
                           'true' or 'false'
  -legalcode <arg>       shows the legal text of a license in English if
                           available. Input is RDFLicense URI. Output is
                           json.
  -listlicenses           shows the list of RDFLicenses available at
                           http://rdflicense.linkeddata.es/. Takes no
                           input. Output is json
  -nologs                 disables the logging funcionality
  -version                 shows the version info
```

Options

-help

Shows this help

-version

Shows the version of licensius-core. Example

```
Licensius core version 1.0.0
Last compiled: Thu Feb 25 16:57:25 CET 2016 en ALLEN
(C) 2016 Ontology Engineering Group (Universidad Politecnica de Madrid)
Nombre de la maquina: allen
Procesador: Intel64 Family 6 Model 60 Stepping 3, GenuineIntel
Available processors (cores): 8
Memoria disponible para JVM: 15MB
Sistema operativo: Windows 7
Version JDK: 1.8.0_71
Directorio actual: F:\svn\licensius-core
```

-nologs

Prevents the display of logs. By default they are shown in console and in a separated file

-listlicenses

shows the list of RDFLicenses available at <http://rdflicense.linkeddata.es/>. Takes no input. Output is json. Example:

```
java -jar licensius-core.jar -listlicenses
```

which produces the following output:

```
[ "http://purl.org/NET/rdflicense/cc-by-nc-nd3.0cn",  
  "http://purl.org/NET/rdflicense/gpl2.0", "http://purl.org/NET/rdflicense/cc-by-3.0es",  
  "http://purl.org/NET/rdflicense/cc-by-sa3.0es", "http://purl.org/NET/rdflicense/IBM1.0",  
  "http://purl.org/NET/rdflicense/gfdl1.3", "http://purl.org/NET/rdflicense/ ...etc
```

-legalcode <uri_to_rdflicense>

Shows the legal text of a license in English if available. Input is RDFLicense URI. Output is the text of the license. Example:

```
java -jar licensius-core.jar -legalcode http://purl.org/NET/rdflicense/ukogl-nc2.0
```

Produces the following output:

```
You are encouraged to use and re-use the Information that is available  
under this licence freely and flexibly, with only a few conditions.  
Using Information under this licence
```

```
Use of copyright and database right material expressly made available  
under this licence (the 'Information') indicates your acceptance of the  
terms and conditions below.
```

```
The Licensor grants you a worldwide, royalty-free, perpetual, non-  
exclusive licence to use the Information subject to the conditions  
below. [...etc.]
```

-findlicenseinrdf <uri_to_rdf>

Finds possible licenses in a RDF document. Input is URI pointing to an online RDF document. Output is json. Example

```
java -jar licensius-core.jar -findlicenseinrdf http://purl.org/NET/p-plan
```

produces the following output:

```
[ {  
  "license": "http://purl.org/NET/rdflicense/cc-by-nc-sa2.0",  
  "evidence": "http://purl.org/dc/terms/license  
http://creativecommons.org/licenses/by-nc-sa/2.0/",  
  "confidence": "100"  
},  
 ]
```

-findlicenseintxt <uri_to_txt>

Finds possible licenses in a TEXT document. It can also be the URI of a famous license. Input is URI pointing to an online TXT. Output is a URI of a RDF license. Example:

```
java -jar licensius-core.jar -findlicenseintxt https://github.com/pyvandenbussche/lov
```

Will return the following output:

```
http://purl.org/NET/rdflicense/cc-by4.0
```

-getinfolicense <uri_to_rdflicense>

Shows basic information of a license in json. Input is RDFLicense URI. Output is json. Example:

```
java -jar licensius-core.jar -getinfolicense http://purl.org/NET/rdflicense/ukogl-nc2.0
```

Produces the following output:

```
{ "legalcode": "[\ "en\ ", ]", "label": "Open Government Licence Non-Commercial", "title": "Open Government Licence Non-Commercial", "uri": "http://purl.org/NET/rdflicense/ukogl-nc2.0", "version": "2.0", "seeAlso": "http://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/" }
```

-isopen <uri_to_rdflicense>

Determines if a license is 'open' according to the <http://www.opendefinition.com>. Output is 'true' or 'false', possibly preceded by the reasons. Example:

```
java -jar licensius-core.jar -isopen http://purl.org/NET/rdflicense/ukogl-nc2.0
```

Produces the following output:

```
OK reutilization
OK DerivativeWorks
OK Reproduction
OK extraction
OK Distribution
NOK CommercialUse
false
```