**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

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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-by3.0es", "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