

Tweety 3rd Party Dependencies & Licenses

Draft!

June 26, 2014

Dependencies

Project	Dependency	Version	Maven	License
Tweety Core	JUnit	4.9	yes	EPL v1.0
	Logback Core	0.9.30	yes	EPL v1.0& LGPL v2.1
	Logback Classic	0.9.30	yes	EPL v1.0& LGPL v2.1
	SLF4J	1.6.3	yes	MIT License
	JavaCC	2.6 (?)	yes	BSD
	Log4J	1.6.3	yes	Apache License v2.0
	JSPF	1.0.2	yes	3-clause BSD
	Sat4J Core	2.3.4	yes	EPL v1.0& LGPL v2.1
	JAMA	1.0.3	yes	Public Domain ¹
	commons math	2.1	yes	
	choco			
	cream			
	qoca			
	LPSolve	5.5.2	no	LGPL v2
Tweety Action	ojAlgo	35	yes	MIT License
	Logback Core	0.9.30	yes	EPL v1.0& LGPL v2.1
	Logback Classic	0.9.30	yes	EPL v1.0& LGPL v2.1
	SLF4J	1.6.3	yes	MIT License
	Log4J	1.6.3	yes	Apache License v2.0
	JSPF	1.0.2	yes	3-clause BSD
	Sat4J Core	2.3.4	yes	EPL v1.0& LGPL v2.1
	JAMA	1.0.3	yes	Public Domain
	commons math	2.1	yes	
	ojAlgo	35	yes	MIT License
	lbfgs	0.1	?	GPL v2+& Apache License v2.0
Tweety Agents	Scala Library	2.10.3	yes	3-clause BSD
	Logback Core	0.9.30	yes	EPL v1.0& LGPL v2.1
	Logback Classic	0.9.30	yes	EPL v1.0& LGPL v2.1
	SLF4J	1.6.3	yes	MIT License

¹The definition and restrictions of 'Public Domain' may vary between countries or states. Wikipedia provides no legal certainty.

	Log4J	1.6.3	yes	Apache License v2.0
Tweety Agents Dialogues	Logback Core	0.9.30	yes	EPL v1.0& LGPL v2.1
	Logback Classic	0.9.30	yes	EPL v1.0& LGPL v2.1
	SLF4J	1.6.3	yes	MIT License
	Log4J	1.6.3	yes	Apache License v2.0
	JAMA	1.0.3	yes	Public Domain
	commons math	2.1	yes	
	ojAlgo	35	yes	MIT License
	lbfgs	0.1	?	GPL v2+& Apache Li- cense v2.0
	Scala Library	2.10.3	yes	3-clause BSD
	Sat4J Core	2.3.4	yes	EPL v1.0& LGPL v2.1
	JSPF	1.0.2	yes	3-clause BSD
Tweety Arg Deductive	Sat4J Core	2.3.4	yes	EPL v1.0& LGPL v2.1
	JSPF	1.0.2	yes	3-clause BSD
	Logback Core	0.9.30	yes	EPL v1.0& LGPL v2.1
	Logback Classic	0.9.30	yes	EPL v1.0& LGPL v2.1
	Log4J	1.6.3	yes	Apache License v2.0
	SLF4J	1.6.3	yes	MIT License
	ojAlgo	35	yes	MIT License
	lbfgs	0.1	?	GPL v2+& Apache Li- cense v2.0
	Scala Library	2.10.3	yes	3-clause BSD
	JAMA	1.0.3	yes	Public Domain
Arg Delp	JSPF	1.0.2	yes	3-clause BSD
	Logback Core	0.9.30	yes	EPL v1.0& LGPL v2.1
	Logback Classic	0.9.30	yes	EPL v1.0& LGPL v2.1
	SLF4J	1.6.3	yes	MIT License
	Log4J	1.6.3	yes	Apache License v2.0
	JAMA	1.0.3	yes	Public Domain
	commons math	2.1	yes	
	ojAlgo	35	yes	MIT License
	lbfgs	0.1	?	GPL v2+& Apache Li- cense v2.0
	Scala Library	2.10.3	yes	3-clause BSD
	Sat4J Core	2.3.4	yes	EPL v1.0& LGPL v2.1
Arg Dung	Logback Core	0.9.30	yes	EPL v1.0& LGPL v2.1
	Logback Classic	0.9.30	yes	EPL v1.0& LGPL v2.1
	SLF4J	1.6.3	yes	MIT License
	Log4J	1.6.3	yes	Apache License v2.0
	JAMA	1.0.3	yes	Public Domain
	commons math	2.1	yes	
	ojAlgo	35	yes	MIT License
	lbfgs	0.1	?	GPL v2+& Apache Li- cense v2.0
	Scala Library	2.10.3	yes	3-clause BSD
	Sat4J Core	2.3.4	yes	EPL v1.0& LGPL v2.1
	JSPF	1.0.2	yes	3-clause BSD
Arg Lp	Logback Core	0.9.30	yes	EPL v1.0& LGPL v2.1

	Logback Classic	0.9.30	yes	EPL v1.0& LGPL v2.1
	SLF4J	1.6.3	yes	MIT License
	Log4J	1.6.3	yes	Apache License v2.0
	Sat4J Core	2.3.4	yes	EPL v1.0& LGPL v2.1
	JSPF	1.0.2	yes	3-clause BSD
	JAMA	1.0.3	yes	Public Domain
	commons math	2.1	yes	
	ojAlgo	35	yes	MIT License
	lbfgs	0.1	?	GPL v2+& Apache License v2.0
	Scala Library	2.10.3	yes	3-clause BSD
	JUnit	4.9	yes	EPL v1.0
	hamcrest core	1.1	yes	3-clause BSD
Arg prob	Sat4J Core	2.3.4	yes	EPL v1.0& LGPL v2.1
	JSPF	1.0.2	yes	3-clause BSD
	JAMA	1.0.3	yes	Public Domain
	Logback Core	0.9.30	yes	EPL v1.0& LGPL v2.1
	Logback Classic	0.9.30	yes	EPL v1.0& LGPL v2.1
	SLF4J	1.6.3	yes	MIT License
	Log4J	1.6.3	yes	Apache License v2.0
	commons math	2.1	yes	
	ojAlgo	35	yes	MIT License
	lbfgs	0.1	?	GPL v2+& Apache License v2.0
	Scala Library	2.10.3	yes	3-clause BSD
Arg saf	Logback Core	0.9.30	yes	EPL v1.0& LGPL v2.1
	Logback Classic	0.9.30	yes	EPL v1.0& LGPL v2.1
	SLF4J	1.6.3	yes	MIT License
	Log4J	1.6.3	yes	Apache License v2.0
	JAMA	1.0.3	yes	Public Domain
	commons math	2.1	yes	
	ojAlgo	35	yes	MIT License
	lbfgs	0.1	?	GPL v2+& Apache License v2.0
	Scala Library	2.10.3	yes	3-clause BSD
	Sat4J Core	2.3.4	yes	EPL v1.0& LGPL v2.1
	JSPF	1.0.2	yes	3-clause BSD
beliefdynamics	Logback Core	0.9.30	yes	EPL v1.0& LGPL v2.1
	Logback Classic	0.9.30	yes	EPL v1.0& LGPL v2.1
	SLF4J	1.6.3	yes	MIT License
	Log4J	1.6.3	yes	Apache License v2.0
	Sat4J Core	2.3.4	yes	EPL v1.0& LGPL v2.1
	JSPF	1.0.2	yes	3-clause BSD
	JAMA	1.0.3	yes	Public Domain
	commons math	2.1	yes	
	ojAlgo	35	yes	MIT License
	lbfgs	0.1	?	GPL v2+& Apache License v2.0
	Scala Library	2.10.3	yes	3-clause BSD

cli	Logback Core	0.9.30	yes	EPL v1.0& LGPL v2.1
	Logback Classic	0.9.30	yes	EPL v1.0& LGPL v2.1
	SLF4J	1.6.3	yes	MIT License
	Log4J	1.6.3	yes	Apache License v2.0
	Sat4J Core	2.3.4	yes	EPL v1.0& LGPL v2.1
	JAMA	1.0.3	yes	Public Domain
	commons math	2.1	yes	
	ojAlgo	35	yes	MIT License
	lbfgs	0.1	?	GPL v2+& Apache License v2.0
	Scala Library	2.10.3	yes	3-clause BSD
	JSPF	1.0.2	yes	3-clause BSD
	commons configuration	1.9	yes	
	commons lang	2.6	yes	
	commons log	1.1.1	yes	
commons	JUnit	4.9	yes	EPL v1.0
	hamcrest core	1.1	yes	3-clause BSD
	Logback Core	0.9.30	yes	EPL v1.0& LGPL v2.1
	Logback Classic	0.9.30	yes	EPL v1.0& LGPL v2.1
	SLF4J	1.6.3	yes	MIT License
	Log4J	1.6.3	yes	Apache License v2.0
logics cl	Logback Core	0.9.30	yes	EPL v1.0& LGPL v2.1
	Logback Classic	0.9.30	yes	EPL v1.0& LGPL v2.1
	SLF4J	1.6.3	yes	MIT License
	Log4J	1.6.3	yes	Apache License v2.0
	Sat4J Core	2.3.4	yes	EPL v1.0& LGPL v2.1
	JSPF	1.0.2	yes	3-clause BSD
	commons math	2.1	yes	
	ojAlgo	35	yes	MIT License
	lbfgs	0.1	?	GPL v2+& Apache License v2.0
	Scala Library	2.10.3	yes	3-clause BSD
	JUnit	4.9	yes	EPL v1.0
	hamcrest core	1.1	yes	3-clause BSD
logics commons	JUnit	4.9	yes	EPL v1.0
	hamcrest core	1.1	yes	3-clause BSD
	Logback Core	0.9.30	yes	EPL v1.0& LGPL v2.1
	Logback Classic	0.9.30	yes	EPL v1.0& LGPL v2.1
	SLF4J	1.6.3	yes	MIT License
	Log4J	1.6.3	yes	Apache License v2.0
	commons math	2.1	yes	
	ojAlgo	35	yes	MIT License
	lbfgs	0.1	?	GPL v2+& Apache License v2.0
	Scala Library	2.10.3	yes	3-clause BSD
logics dl	Logback Core	0.9.30	yes	EPL v1.0& LGPL v2.1
	Logback Classic	0.9.30	yes	EPL v1.0& LGPL v2.1
	commons math	2.1	yes	
	Log4J	1.6.3	yes	Apache License v2.0

	SLF4J	1.6.3	yes	MIT License
	ojAlgo	35	yes	MIT License
	lbfgs	0.1	?	GPL v2+& Apache License v2.0
	Scala Library	2.10.3	yes	3-clause BSD
	JSPF	1.0.2	yes	3-clause BSD
logics el	Logback Core	0.9.30	yes	EPL v1.0& LGPL v2.1
	Logback Classic	0.9.30	yes	EPL v1.0& LGPL v2.1
	commons math	2.1	yes	
	Log4J	1.6.3	yes	Apache License v2.0
	SLF4J	1.6.3	yes	MIT License
	ojAlgo	35	yes	MIT License
	lbfgs	0.1	?	GPL v2+& Apache License v2.0
	Scala Library	2.10.3	yes	3-clause BSD
	JSPF	1.0.2	yes	3-clause BSD
logics fol	JUnit	4.9	yes	EPL v1.0
	hamcrest core	1.1	yes	3-clause BSD
	Logback Core	0.9.30	yes	EPL v1.0& LGPL v2.1
	Logback Classic	0.9.30	yes	EPL v1.0& LGPL v2.1
	SLF4J	1.6.3	yes	MIT License
	Log4J	1.6.3	yes	Apache License v2.0
	commons math	2.1	yes	
	ojAlgo	35	yes	MIT License
	lbfgs	0.1	?	GPL v2+& Apache License v2.0
	Scala Library	2.10.3	yes	3-clause BSD
	JSPF	1.0.2	yes	3-clause BSD
	JavaCC	2.6 (?)	yes	BSD
logics ml	Logback Core	0.9.30	yes	EPL v1.0& LGPL v2.1
	Logback Classic	0.9.30	yes	EPL v1.0& LGPL v2.1
	SLF4J	1.6.3	yes	MIT License
	Log4J	1.6.3	yes	Apache License v2.0
	commons math	2.1	yes	
	ojAlgo	35	yes	MIT License
	lbfgs	0.1	?	GPL v2+& Apache License v2.0
	Scala Library	2.10.3	yes	3-clause BSD
	JSPF	1.0.2	yes	3-clause BSD
	Sat4J Core	2.3.4	yes	EPL v1.0& LGPL v2.1
logics pcl	Logback Core	0.9.30	yes	EPL v1.0& LGPL v2.1
	Logback Classic	0.9.30	yes	EPL v1.0& LGPL v2.1
	SLF4J	1.6.3	yes	MIT License
	Log4J	1.6.3	yes	Apache License v2.0
	Sat4J Core	2.3.4	yes	EPL v1.0& LGPL v2.1
	JSPF	1.0.2	yes	3-clause BSD
	commons math	2.1	yes	
	ojAlgo	35	yes	MIT License

	lbfgs	0.1	?	GPL v2+& Apache License v2.0
	Scala Library	2.10.3	yes	3-clause BSD
	JUnit	4.9	yes	EPL v1.0
	hamcrest core	1.1	yes	3-clause BSD
logics pl	JUnit	4.9	yes	EPL v1.0
	hamcrest core	1.1	yes	3-clause BSD
	Sat4J Core	2.3.4	yes	EPL v1.0& LGPL v2.1
	Logback Core	0.9.30	yes	EPL v1.0& LGPL v2.1
	Logback Classic	0.9.30	yes	EPL v1.0& LGPL v2.1
	SLF4J	1.6.3	yes	MIT License
	Log4J	1.6.3	yes	Apache License v2.0
	commons math	2.1	yes	
	ojAlgo	35	yes	MIT License
	lbfgs	0.1	?	GPL v2+& Apache License v2.0
	Scala Library	2.10.3	yes	3-clause BSD
	JSPF	1.0.2	yes	3-clause BSD
	Lingeling	?	no	GPL(old) / Restricted(newer)
	MARCO	?	no	?
logics rcl	Logback Core	0.9.30	yes	EPL v1.0& LGPL v2.1
	Logback Classic	0.9.30	yes	EPL v1.0& LGPL v2.1
	SLF4J	1.6.3	yes	MIT License
	Log4J	1.6.3	yes	Apache License v2.0
	Sat4J Core	2.3.4	yes	EPL v1.0& LGPL v2.1
	JSPF	1.0.2	yes	3-clause BSD
	commons math	2.1	yes	
	ojAlgo	35	yes	MIT License
	lbfgs	0.1	?	GPL v2+& Apache License v2.0
	Scala Library	2.10.3	yes	3-clause BSD
logics rpcl	Logback Core	0.9.30	yes	EPL v1.0& LGPL v2.1
	Logback Classic	0.9.30	yes	EPL v1.0& LGPL v2.1
	SLF4J	1.6.3	yes	MIT License
	Log4J	1.6.3	yes	Apache License v2.0
	Sat4J Core	2.3.4	yes	EPL v1.0& LGPL v2.1
	JSPF	1.0.2	yes	3-clause BSD
	commons math	2.1	yes	
	ojAlgo	35	yes	MIT License
	lbfgs	0.1	?	GPL v2+& Apache License v2.0
	Scala Library	2.10.3	yes	3-clause BSD
logics translators	JUnit	4.9	yes	EPL v1.0
	hamcrest core	1.1	yes	3-clause BSD
	Logback Core	0.9.30	yes	EPL v1.0& LGPL v2.1
	Logback Classic	0.9.30	yes	EPL v1.0& LGPL v2.1
	SLF4J	1.6.3	yes	MIT License
	Log4J	1.6.3	yes	Apache License v2.0

	JAMA	1.0.3	yes	Public Domain
	JSPF	1.0.2	yes	3-clause BSD
	Sat4J Core	2.3.4	yes	EPL v1.0& LGPL v2.1
	commons math	2.1	yes	
	ojAlgo	35	yes	MIT License
	lbfgs	0.1	?	GPL v2+& Apache License v2.0
	Scala Library	2.10.3	yes	3-clause BSD
lp asp	JUnit	4.9	yes	EPL v1.0
	hamcrest core	1.1	yes	3-clause BSD
	Logback Core	0.9.30	yes	EPL v1.0& LGPL v2.1
	Logback Classic	0.9.30	yes	EPL v1.0& LGPL v2.1
	SLF4J	1.6.3	yes	MIT License
	Log4J	1.6.3	yes	Apache License v2.0
	JSPF	1.0.2	yes	3-clause BSD
	JAMA	1.0.3	yes	Public Domain
	Sat4J Core	2.3.4	yes	EPL v1.0& LGPL v2.1
	commons math	2.1	yes	
	ojAlgo	35	yes	MIT License
	lbfgs	0.1	?	GPL v2+& Apache License v2.0
	Scala Library	2.10.3	yes	3-clause BSD
lp asp beliefdynamics	Logback Core	0.9.30	yes	EPL v1.0& LGPL v2.1
	Logback Classic	0.9.30	yes	EPL v1.0& LGPL v2.1
	SLF4J	1.6.3	yes	MIT License
	Log4J	1.6.3	yes	Apache License v2.0
	Sat4J Core	2.3.4	yes	EPL v1.0& LGPL v2.1
	JSPF	1.0.2	yes	3-clause BSD
	JAMA	1.0.3	yes	Public Domain
	commons math	2.1	yes	
	ojAlgo	35	yes	MIT License
	lbfgs	0.1	?	GPL v2+& Apache License v2.0
	Scala Library	2.10.3	yes	3-clause BSD
	JUnit	4.9	yes	EPL v1.0
	hamcrest core	1.1	yes	3-clause BSD
lp nlp	JUnit	4.9	yes	EPL v1.0
	hamcrest core	1.1	yes	3-clause BSD
	Logback Core	0.9.30	yes	EPL v1.0& LGPL v2.1
	Logback Classic	0.9.30	yes	EPL v1.0& LGPL v2.1
	SLF4J	1.6.3	yes	MIT License
	Log4J	1.6.3	yes	Apache License v2.0
	commons math	2.1	yes	
	ojAlgo	35	yes	MIT License
	lbfgs	0.1	?	GPL v2+& Apache License v2.0
	Scala Library	2.10.3	yes	3-clause BSD
	JSPF	1.0.2	yes	3-clause BSD
machine learning	Logback Core	0.9.30	yes	EPL v1.0& LGPL v2.1

	Logback Classic	0.9.30	yes	EPL v1.0& LGPL v2.1
	commons math	2.1	yes	
	Log4J	1.6.3	yes	Apache License v2.0
	SLF4J	1.6.3	yes	MIT License
	ojAlgo	35	yes	MIT License
	lbfgs	0.1	?	GPL v2+& Apache Li- cense v2.0
	Scala Library	2.10.3	yes	3-clause BSD
math	JUnit	4.9	yes	EPL v1.0
	hamcrest core	1.1	yes	3-clause BSD
	Logback Core	0.9.30	yes	EPL v1.0& LGPL v2.1
	Logback Classic	0.9.30	yes	EPL v1.0& LGPL v2.1
	commons math	2.1	yes	
	Log4J	1.6.3	yes	Apache License v2.0
	SLF4J	1.6.3	yes	MIT License
	ojAlgo	35	yes	MIT License
	lbfgs	0.1	?	GPL v2+& Apache Li- cense v2.0
	Scala Library	2.10.3	yes	3-clause BSD
	LPSolve	5.5.2	no	LGPL v2
	OpenOpt	0.54	no	BSD
plugin	JSPF	1.0.2	yes	3-clause BSD
	Logback Core	0.9.30	yes	EPL v1.0& LGPL v2.1
	Logback Classic	0.9.30	yes	EPL v1.0& LGPL v2.1
	commons math	2.1	yes	
	Log4J	1.6.3	yes	Apache License v2.0
	SLF4J	1.6.3	yes	MIT License
	ojAlgo	35	yes	MIT License
	lbfgs	0.1	?	GPL v2+& Apache Li- cense v2.0
	Scala Library	2.10.3	yes	3-clause BSD
preferences	Logback Core	0.9.30	yes	EPL v1.0& LGPL v2.1
	Logback Classic	0.9.30	yes	EPL v1.0& LGPL v2.1
	commons math	2.1	yes	
	Log4J	1.6.3	yes	Apache License v2.0
	SLF4J	1.6.3	yes	MIT License
	ojAlgo	35	yes	MIT License
	lbfgs	0.1	?	GPL v2+& Apache Li- cense v2.0
	Scala Library	2.10.3	yes	3-clause BSD
	JSPF	1.0.2	yes	3-clause BSD
	hamcrest core	1.1	yes	3-clause BSD
	JUnit	4.9	yes	EPL v1.0
web				

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