**开源软件/组件声明**

**open source software/components NOTICE**

*请列出使用的全部开源软件/组件*

*Please list all open source software/components used*

|  |  |  |  |
| --- | --- | --- | --- |
| **开源软件/组件名称****open source software/components NAME** | **开源软件/组件版本****open source software/components****VERSION** | **许可证名称****LICENCE NAME** | **开源软件/组件的官网地址****open source software/components WEBSITE** |
| antlr4 | 4.9.3 | BSD-3-Clause | [http://antlr.org](http://antlr.org/) |
| antlr4-runtime | 4.9.2 | BSD-3-Clause | [http://antlr.org](http://antlr.org/) |
| commons-lang3 | 3.12.0 | Apache-2.0 | <http://commons.apache.org/proper/commons-lang/> |
| cpdetector | 1.0.10 | MPL-1.1 |  |
| druid-spring-boot-starter | 1.2.9 | Apache-2.0 | <https://github.com/alibaba/druid/wiki> |
| fastjson | 1.2.83 | Apache-2.0 | <https://github.com/alibaba/fastjson> |
| flyway-core | 8.5.13 | Apache-2.0 | <https://flywaydb.org/> |
| httpclient | 4.5.14 | Apache-2.0 | <https://github.com/nahi/httpclient> |
| huaweicloud-sdk-kms | 3.1.49 | Apache-2.0 | <https://github.com/huaweicloud/huaweicloud-sdk-java-v3> |
| huaweicloud-sdk-kms | 3.1.58 | Apache-2.0 | <https://github.com/huaweicloud/huaweicloud-sdk-java-v3> |
| huaweicloud-sdk-vpc | 3.1.58 | Apache-2.0 | <https://github.com/huaweicloud/huaweicloud-sdk-java-v3> |
| huaweicloud-sdk-vpcep | 3.1.58 | Apache-2.0 |  |
| jedis | 3.8.0 | MIT | <https://github.com/redis/jedis> |
| json | 20231013 | Public Domain | <https://github.com/flori/json> |
| jsoup | 1.16.1 | MIT | <https://jsoup.org/> |
| lombok | 1.18.28 | MIT | [https://projectlombok.org](https://projectlombok.org/) |
| lombok | 1.18.30 | MIT | [https://projectlombok.org](https://projectlombok.org/) |
| mapstruct | 1.5.3.Final | Apache-2.0 | <https://mapstruct.org/> |
| mockito-inline | 5.2.0 | MIT | [http://mockito.org](http://mockito.org/) |
| mongock-springboot | 5.1.0 | Apache-2.0 |  |
| mongodb-springdata-v3-driver | 5.1.0 | Apache-2.0 |  |
| mybatis-spring-boot-starter | 2.2.2 | Apache-2.0 | <https://github.com/mybatis/spring-boot-starter> |
| poi | 5.2.3 | Apache-2.0 | <https://poi.apache.org/> |
| poi-ooxml | 5.2.3 | Apache-2.0 | <https://github.com/kiegroup/optaplanner> |
| postgresql | 42.6.0 | BSD-2-Clause | <https://www.postgresql.org/> |
| spring-boot-configuration-processor | 2.7.14 | Apache-2.0 | <https://projects.spring.io/spring-boot/#/spring-boot-parent/spring-boot-tools/spring-boot-configuration-processor> |
| spring-boot-configuration-processor | 2.7.18 | Apache-2.0 | <https://projects.spring.io/spring-boot/#/spring-boot-parent/spring-boot-tools/spring-boot-configuration-processor> |
| spring-boot-starter | 2.7.14 | Apache-2.0 | <https://projects.spring.io/spring-boot/#/spring-boot-parent/spring-boot-starters/spring-boot-starter> |
| spring-boot-starter | 2.7.18 | Apache-2.0 | <https://projects.spring.io/spring-boot/#/spring-boot-parent/spring-boot-starters/spring-boot-starter> |
| spring-boot-starter-data-mongodb | 2.7.14 | Apache-2.0 | <https://spring.io/projects/spring-boot> |
| spring-boot-starter-data-mongodb | 2.7.18 | Apache-2.0 | <https://spring.io/projects/spring-boot> |
| spring-boot-starter-data-redis | 2.7.14 | Apache-2.0 | <https://projects.spring.io/spring-boot/#/spring-boot-parent/spring-boot-starters/spring-boot-starter-data-redis> |
| spring-boot-starter-data-redis | 2.7.18 | Apache-2.0 | <https://projects.spring.io/spring-boot/#/spring-boot-parent/spring-boot-starters/spring-boot-starter-data-redis> |
| spring-boot-starter-test | 2.7.18 | Apache-2.0 | <https://spring.io/projects/spring-boot> |
| spring-boot-starter-validation | 2.7.14 | Apache-2.0 | <https://spring.io/projects/spring-boot> |
| spring-boot-starter-validation | 2.7.18 | Apache-2.0 | <https://spring.io/projects/spring-boot> |
| spring-boot-starter-web | 2.7.14 | Apache-2.0 | <https://spring.io/projects/spring-boot> |
| spring-boot-starter-web | 2.7.18 | Apache-2.0 | <https://spring.io/projects/spring-boot> |
| spring-cloud-starter-gateway | 3.1.6 | Apache-2.0 | <https://projects.spring.io/spring-cloud> |
| spring-cloud-starter-huawei-service-engine | 1.11.0-2021.0.x | Apache-2.0 | <https://github.com/huaweicloud/spring-cloud-huawei/wiki> |
| spring-cloud-starter-huawei-service-engine-core | 1.11.0-2021.0.x | Apache-2.0 | <https://github.com/huaweicloud/spring-cloud-huawei/wiki> |
| spring-retry | 1.3.4 | Apache-2.0 | <https://github.com/spring-projects/spring-retry> |
| swagger-annotations | 2.2.8 | Apache-2.0 | <https://github.com/io/swagger> |
| swagger-core | 1.6.6 | Apache-2.0 | <https://swagger.io/> |
| commons-io | 2.11.0 | Apache-2.0 | <https://commons.apache.org/proper/commons-io/> |
| esdk-obs-java-bundle | 3.23.3 | Apache-2.0 | 　 |
| flyway-core | 8.2.0 | Apache-2.0 | 　 |
| httpmime | 4.5.14 | Apache-2.0 | <http://hc.apache.org/httpcomponents-client> |
| hutool-core | 5.8.24 | MulanPSL-2.0 | 　 |
| lombok | 1.18.26 | MIT | [https://projectlombok.org](https://projectlombok.org/) |
| pagehelper-spring-boot-starter | 1.4.7 | MIT |  |
| redisson-spring-boot-starter | 3.24.1 | Apache-2.0 |  |
| spring-boot-starter-data-mongodb | 2.7.15 | Apache-2.0 |  |
| spring-boot-starter-data-redis | 3.1.1 | Apache-2.0 | 　 |
| spring-boot-starter-websocket | 2.7.14 | Apache-2.0 | 　 |
| spring-cloud-starter-openfeign | 3.1.8 | Apache-2.0 | <https://projects.spring.io/spring-cloud> |

# Software/components 软件/组件名称及版本

antlr4 4.9.3

antlr4-runtime 4.9.2

commons-lang3 3.12.0

cpdetector 1.0.10

druid-spring-boot-starter 1.2.9

fastjson 1.2.83

flyway-core 8.5.13

httpclient 4.5.14

huaweicloud-sdk-kms 3.1.49

huaweicloud-sdk-kms 3.1.58

huaweicloud-sdk-vpc 3.1.58

huaweicloud-sdk-vpcep 3.1.58

jedis 3.8.0

json 20231013

jsoup 1.16.1

lombok 1.18.28

lombok 1.18.30

mapstruct 1.5.3.Final

mockito-inline 5.2.0

mongock-springboot 5.1.0

mongodb-springdata-v3-driver 5.1.0

mybatis-spring-boot-starter 2.2.2

poi 5.2.3

poi-ooxml 5.2.3

postgresql 42.6.0

spring-boot-configuration-processor 2.7.14

spring-boot-configuration-processor 2.7.18

spring-boot-starter 2.7.14

spring-boot-starter 2.7.18

spring-boot-starter-data-mongodb 2.7.14

spring-boot-starter-data-mongodb 2.7.18

spring-boot-starter-data-redis 2.7.14

spring-boot-starter-data-redis 2.7.18

spring-boot-starter-test 2.7.18

spring-boot-starter-validation 2.7.14

spring-boot-starter-validation 2.7.18

spring-boot-starter-web 2.7.14

spring-boot-starter-web 2.7.18

spring-cloud-starter-gateway 3.1.6

spring-cloud-starter-huawei-service-engine 1.11.0-2021.0.x

spring-cloud-starter-huawei-service-engine-core 1.11.0-2021.0.x

spring-retry 1.3.4

swagger-annotations 2.2.8

swagger-core 1.6.6

commons-io 2.11.0

esdk-obs-java-bundle 3.23.3

flyway-core 8.2.0

httpmime 4.5.14

hutool-core 5.8.24

lombok 1.18.26

pagehelper-spring-boot-starter 1.4.7

redisson-spring-boot-starter 3.24.1

spring-boot-starter-data-mongodb 2.7.15

spring-boot-starter-data-redis 3.1.1

spring-boot-starter-websocket 2.7.14

spring-cloud-starter-openfeign 3.1.8

# Copyright notice 版权声明

## antlr4 4.9.3

Copyright (c) 2012-2022 The ANTLR Project. All rights reserved.

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions

are met:

1. Redistributions of source code must retain the above copyright

notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright

notice, this list of conditions and the following disclaimer in the

documentation and/or other materials provided with the distribution.

3. Neither name of copyright holders nor the names of its contributors

may be used to endorse or promote products derived from this software

without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS

``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT

LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR

A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR

CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,

EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,

PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR

PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF

LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING

NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS

SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

## antlr4-runtime 4.9.2

Copyright (c) 2012-2022 The ANTLR Project. All rights reserved.

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions

are met:

1. Redistributions of source code must retain the above copyright

notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright

notice, this list of conditions and the following disclaimer in the

documentation and/or other materials provided with the distribution.

3. Neither name of copyright holders nor the names of its contributors

may be used to endorse or promote products derived from this software

without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS

``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT

LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR

A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR

CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,

EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,

PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR

PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF

LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING

NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS

SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

## commons-lang3

*Copyright 2001-2021 The Apache Software Foundation*

*Copyright 2001-2011 The Apache Software Foundation*

## cpdetector 1.0.10

## druid-spring-boot-starter

Copyright 1999-2018 Alibaba Group Holding Ltd.

## fastjson

*Copyright 1999-2017 Alibaba Group*

*Copyright (c) 2000-2007 INRIA, France Telecom*

*Copyright 1999-2100 Alibaba.com Corporation Limited*

*Copyright 2018 Diffblue Limited*

*Copyright 1999-2020 Alibaba Group Holding Ltd.*

*Copyright 2016 Dark Phoenixs*

*Copyright 1999-2018 Alibaba Group*

*Copyright (c) 2014 www.yiji.com Inc.*

*copyright 2009, Scooby*

*Copyright 1999-2019 Alibaba Group*

*Copyright 2015-2016 Dark Phoenixs*

*Copyright 2015 Alibaba.com*

*Copyright (c) 2003-2012 Taobao.com Inc.*

*Copyright 2008 Alibaba.com Croporation Limited*

*Copyright 1999-2019 Alibaba Group Holding Ltd.*

*Copyright 2008 Alibaba.com Corporation Limited*

*Copyright 2019 thunisoft, Inc.*

*Copyright Set 2009, Scooby Doo*

*Copyright (c) 2004, Mikael Grev, MiG InfoCom AB. (base64 miginfocom . com)*

*Copyright 1999-2004 Alibaba.com*

*Copyright 2011 Alibaba.com*

*Copyright (c) The Internet Society (2006)*

*Copyright 2018 Ulf Adams*

## flyway-core 8.5.13

## Httpclient

*Copyright 1999-2021 The Apache Software Foundation*

## huaweicloud-sdk-kms 3.1.49

## huaweicloud-sdk-kms 3.1.58

## huaweicloud-sdk-vpc 3.1.58

## huaweicloud-sdk-vpcep 3.1.58

## Jedis

*Copyright (c) 2010 Jonathan Leibiusky*

*Copyright (c) 2011 Jonathan Leibiusky*

*Copyright 2009-2010 MBTE Sweden AB.*

## Json

Copyright 2015 the original author or authors

## Jsoup

Copyright (c) 2010 Yahoo Japan Corporation. All Rights Reserved

Copyright (c) 2009-2023 Jonathan Hedley <https://jsoup.org/>

(c) Ri Ben

## lombok 1.18.28

## lombok 1.18.30

Copyright OpenJS Foundation and other contributors, https://openjsf.org

Copyright (c) 2013, 2022, Oracle

Copyright (c) 1989, 1991 Free Software Foundation, Inc.

Copyright (c) 2022, Oracle

Copyright jQuery Foundation and other contributors

(c) OpenJS Foundation and other contributors

Copyright (c) 2015, 2022, Oracle

Copyright JS Foundation and other contributors, https://js.foundation

Copyright (c) 2020, 2022, Oracle

Copyright jQuery Foundation and other contributors, https://jquery.org

Copyright (c) 2021, Oracle

## Mapstruct

## mockito-inline

## mongock-springboot 5.1.0

## mongodb-springdata-v3-driver 5.1.0

## Mybatis-spring-boot-starter

Copyright 2010-2020 the original author or authors

Copyright 2015-2017 the original author or authors

Copyright 2015-2022 the original author or authors

Copyright 2015-2021 the original author or authors

Copyright 2015-2016 the original author or authors

Copyright 2015-2019 the original author or authors

Copyright 2015-2020 the original author or authors

Copyright 2015-2018 the original author or authors

## poi

Copyright 2012 Twitter, Inc

Copyright 2012 Twitter, Inc.

Copyright 2012 Twitter, Inc. http://www.apache.org/licenses/LICENSE-2.0.txt

Copyright 2005, 2012 jQuery Foundation, Inc. and other contributors

Copyright 2012 jQuery Foundation and other contributors

Copyright (c) 2014 Ivan Bozhanov (http://vakata.com)

## poi-ooxml

Copyright (c) 2000 - 2021 The Legion of the Bouncy Castle Inc. (https://www.bouncycastle.org)

Copyright (c) 2000-2015 www.hamcrest.org

Copyright (c) 2015 Inbot

Copyright 2003-2022 The Apache Software Foundation

Copyright (c) 2000-2003, BEA Systems, <http://www.bea.com/>

Copyright 2001-2003 (c) World Wide Web Consortium (Massachusetts Institute of Technology, European Research Consortium for Informatics and Mathematics, Keio University)

Copyright (c) 2006-2007 Valek Filippov (frob@df.ru)

Copyright (c) 2009-2018 FedICT

Copyright (c) 2008-2014 FedICT.

## postgresql

## spring-boot-configuration-processor

## spring-boot-configuration-processor

## spring-boot-starter

## spring-boot-starter

## spring-boot-starter-data-mongodb

## spring-boot-starter-data-mongodb

## spring-boot-starter-data-redis

## spring-boot-starter-data-redis

## spring-boot-starter-test

Copyright 2015 the original author or authors.
Copyright (C) 2010 The Android Open Source Project
Copyright (c) 2000-2011 INRIA, France Telecom
Copyright (c) 2002-2006, Marc Prud'hommeaux <mwp1@cornell.edu>
Copyright (c) 2012 JÃ¶rn Zaefferer
Copyright (c) 2012-2023 VMware, Inc.
Copyright 2002-2020 the original author or authors.
Copyright 2002-2021 the original author or authors.
Copyright 2002-2022 the original author or authors.
Copyright 2005, 2012 jQuery Foundation, Inc. and other contributors Released under the MIT license
Copyright 2011, John Resig Dual licensed under the MIT or GPL Version 2 licenses.
Copyright 2011, The Dojo Foundation Released under the MIT, BSD, and GPL Licenses.
Copyright 2011-2018 The Bootstrap Authors
Copyright 2011-2018 Twitter, Inc.
Copyright 2012 Twitter, Inc Licensed under the Apache License v2.0
Copyright 2012 jQuery Foundation and other contributors Released under the MIT license
Copyright 2012-2013 the original author or authors.
Copyright 2012-2017 the original author or authors.
Copyright 2012-2019 the original author or authors.
Copyright 2012-2020 the original author or authors.
Copyright 2012-2021 the original author or authors.
Copyright 2012-2022 the original author or authors.
Copyright 2012-2023 the original author or authors.
Copyright 2020-2021 the original author or authors.
Copyright 2020-2022 the original author or authors.
Copyright 2020-2023 the original author or authors.
Copyright 2021-2022 the original author or authors.
Copyright 2021-2023 the original author or authors.
Copyright 2022-2023 the original author or authors.
Copyright 2023-2023 the original author or authors.
Copyright (c) 2015-2021 the original authors.

## spring-boot-starter-validation

## spring-boot-starter-validation

## spring-boot-starter-web

## spring-boot-starter-web

## spring-cloud-starter-gateway

## spring-cloud-starter-huawei-service-engine

## spring-cloud-starter-huawei-service-engine-core

## spring-retry

Copyright 2002-2008 the original author or authors.
Copyright 2002-2014 the original author or authors.
Copyright 2006-2007 the original author or authors.
Copyright 2006-2012 the original author or authors.
Copyright 2006-2013 the original author or authors.
Copyright 2006-2014 the original author or authors.
Copyright 2006-2016 the original author or authors.
Copyright 2006-2019 the original author or authors.
Copyright 2006-2020 the original author or authors.
Copyright 2006-2021 the original author or authors.
Copyright 2006-2022 the original author or authors.
Copyright 2012-2013 the original author or authors.
Copyright 2012-2015 the original author or authors.
Copyright 2012-2019 the original author or authors.
Copyright 2013 the original author or authors.
Copyright 2013-2019 the original author or authors.
Copyright 2014 the original author or authors.
Copyright 2014-2019 the original author or authors.
Copyright 2014-2021 the original author or authors.
Copyright 2014-2022 the original author or authors.
Copyright 2015 the original author or authors.
Copyright 2015-2019 the original author or authors.
Copyright 2015-2022 the original author or authors.
Copyright 2016 the original author or authors.
Copyright 2016-2018 the original author or authors.
Copyright 2017 the original author or authors.
Copyright 2019 the original author or authors.
Copyright 2022-2022 the original author or authors.

## swagger-annotations

## swagger-core

Copyright 2016 SmartBear Software

## commons-io

Copyright 2001-2011 The Apache Software Foundation

## esdk-obs-java-bundle

## flyway-core

Copyright 1999-2017 Alibaba Group
Copyright (c) 2000-2007 INRIA, France Telecom
Copyright 1999-2100 Alibaba.com Corporation Limited
Copyright 2018 Diffblue Limited
Copyright 1999-2020 Alibaba Group Holding Ltd.
Copyright 2016 Dark Phoenixs
Copyright 1999-2018 Alibaba Group
Copyright (c) 2014 www.yiji.com Inc.
copyright 2009, Scooby
Copyright 1999-2019 Alibaba Group
Copyright 2015-2016 Dark Phoenixs
Copyright 2015 Alibaba.com
Copyright (c) 2003-2012 Taobao.com Inc.
Copyright 2008 Alibaba.com Croporation Limited
Copyright 1999-2019 Alibaba Group Holding Ltd.
Copyright 2008 Alibaba.com Corporation Limited
Copyright 2019 thunisoft, Inc.
Copyright Set 2009, Scooby Doo
Copyright (c) 2004, Mikael Grev, MiG InfoCom AB. (base64 miginfocom . com)
Copyright 1999-2004 Alibaba.com
Copyright 2011 Alibaba.com
Copyright (c) The Internet Society (2006)
Copyright 2018 Ulf Adams

## httpmime

Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

## hutool-core

## lombok

Copyright (c) 2010-2020 The Project Lombok Authors
Copyright (c) 2009-2021 The Project Lombok Authors
Copyright (c) 2000-2011 INRIA, France Telecom
Copyright (c) 2010 Reinier Zwitserloot
Copyright (c) 2020-2022 The Project Lombok Authors
Copyright (c) 2010-2022 The Project Lombok Authors
Copyright (c) 2020 The Project Lombok Authors
Copyright (c) 2020-2021 The Project Lombok Authors
Copyright (c) 2010-2017 The Project Lombok Authors
Copyright (c) 2020-2023 The Project Lombok Authors
Copyright (c) 2009-2022 The Project Lombok Authors
Copyright (c) 2009-2022 The Project Lombok Authors
Copyright (c) 2009 The Project Lombok Authors
Copyright (c) 2013-2018 The Project Lombok Authors
Copyright (c) 2009-2017 The Project Lombok Authors
Copyright (c) 2013-2022 The Project Lombok Authors
Copyright (c) 2019 The Project Lombok Authors
Copyright (c) 2009-2020 The Project Lombok Authors
Copyright (c) 2015-2016 The Project Lombok Authors
Copyright (c) 2009-2019 The Project Lombok Authors
Copyright (c) 2015-2020 The Project Lombok Authors
Copyright (c) 2009-2018 The Project Lombok Authors
Copyright (c) 2012-2017 The Project Lombok Authors
Copyright (c) 2010-2018 The Project Lombok Authors
Copyright (c) 2012-2019 The Project Lombok Authors
Copyright (c) 2010-2021 The Project Lombok Authors
Copyright (c) 2010-2019 The Project Lombok Authors
Copyright (c) 2010-2012 The Project Lombok Authors
Copyright (c) 2009-2014 The Project Lombok Authors
Copyright (c) 2012-2021 The Project Lombok Authors
Copyright (c) 2018 The Project Lombok Authors
Copyright (c) 2009-2022 The Project Lombok Authors
Copyright (c) 2014 The Project Lombok Authors
Copyright (c) 2009-2010 The Project Lombok Authors
Copyright (c) 2015 The Project Lombok Authors
Copyright (c) 2012 The Project Lombok Authors
Copyright (c) 2013-2020 The Project Lombok Authors
Copyright (c) 2013-2019 The Project Lombok Authors
Copyright (c) 2010 The Project Lombok Authors
Copyright (c) 2009-2012 The Project Lombok Authors
Copyright (c) 2014-2020 The Project Lombok Authors
Copyright (c) 2021 The Project Lombok Authors
Copyright (c) 2019-2020 The Project Lombok Authors
Copyright (c) 2014-2021 The Project Lombok Authors
Copyright (c) 2013 The Project Lombok Authors
Copyright (c) 2014-2018 The Project Lombok Authors
Copyright (c) 2012-2014 The Project Lombok Authors
Copyright (c) 2015-2021 The Project Lombok Authors
Copyright (c) 2014-2022 The Project Lombok Authors
Copyright (c) 2013-2021 The Project Lombok Authors
Copyright (c) 2017-2021 The Project Lombok Authors
Copyright (c) 2012-2022 The Project Lombok Authors
Copyright (c) 2011-2015 The Project Lombok Authors
Copyright (c) 2015-2019 The Project Lombok Authors
Copyright (c) 2016-2017 The Project Lombok Authors
Copyright (c) 2013-2017 The Project Lombok Authors
Copyright (c) 2012-2013 The Project Lombok Authors
Copyright (c) 2011-2021 The Project Lombok Authors
Copyright (c) 2017 The Project Lombok Authors
Copyright (c) 2010-2013 The Project Lombok Authors
Copyright (c) 2010-2011 The Project Lombok Authors
Copyright (c) 2018-2021 The Project Lombok Authors
Copyright (c) 2013-2015 The Project Lombok Authors
Copyright (c) 2016-2021 The Project Lombok Authors
Copyright (c) 2022 The Project Lombok Authors
Copyright (c) 2011 The Project Lombok Authors
Copyright (c) 2009-2016 The Project Lombok Authors
Copyright (c) 2016 The Project Lombok Authors
Copyright 2012-2017 Gunnar Morling (http://www.gunnarmorling.de/) and/or other contributors
Copyright (c) 2014-2015 The Project Lombok Authors
Copyright (c) 2003, 2017, Oracle and/or its affiliates
Copyright (c) 2009-2011 The Project Lombok Authors
Copyright (c) 2011-2019 The Project Lombok Authors
Copyright (c) 2013-2014 The Project Lombok Authors
Copyright (c) 2011-2013 The Project Lombok Authors
Copyright (c) 2014-2019 The Project Lombok Authors
Copyright (c) 2011-2020 The Project Lombok Authors
Copyright (c) 2015-2017 The Project Lombok Authors
Copyright (c) 2009-2022 The Project Lombok Authors

## pagehelper-spring-boot-starter

## redisson-spring-boot-starter

## spring-boot-starter-data-mongodb

## spring-boot-starter-data-redis

## spring-boot-starter-websocket

## spring-cloud-starter-openfeign

Copyright 2013-2022 the original author or authors
Copyright 2016-2022 the original author or authors
Copyright 2013-2023 the original author or authors
Copyright 2021-2022 the original author or authors
Copyright 2020-2022 the original author or authors
Copyright 2023-2023 the original author or authors
Copyright 2016-2021 the original author or authors
Copyright 2015-2022 the original author or authors
Copyright 2015-2021 the original author or authors

# License 许可证

## antlr4 4.9.3

https://choosealicense.com/licenses/bsd-3-clause

https://choosealicense.com/licenses/mit

## antlr4-runtime 4.9.2

<https://www.antlr.org/license.html>

https://github.com/antlr/antlr4/blob/master/LICENSE.txt

##  commons-lang3

<https://www.apache.org/licenses/LICENSE-2.0>

## cpdetector 1.0.10

## druid-spring-boot-starter

<https://github.com/alibaba/druid/blob/master/license.txt>

## Fastjson

 <https://github.com/alibaba/fastjson/blob/1.2.83/license.txt>

## flyway-core

https://github.com/flyway/flyway/blob/main/LICENSE.md

## Httpclient

<https://github.com/apache/httpcomponents-client/blob/master/LICENSE.txt>

## huaweicloud-sdk-kms 3.1.49

## huaweicloud-sdk-kms 3.1.58

<https://github.com/huaweicloud/huaweicloud-sdk-java-v3/blob/master/LICENSE>

## huaweicloud-sdk-vpc

<https://github.com/huaweicloud/huaweicloud-sdk-java-v3/blob/master/LICENSE>

## huaweicloud-sdk-vpcep

<https://github.com/huaweicloud/huaweicloud-sdk-python-v3/blob/master/LICENSE>

## jedis

<http://choosealicense.com/licenses/other/>

## Json

<https://github.com/stleary/JSON-java/blob/master/LICENSE>

## jsoup

<http://choosealicense.com/licenses/mit/>

## lombok 1.18.28

## lombok 1.18.30

<https://github.com/projectlombok/lombok/blob/master/LICENSE>

## mapstruct

<https://github.com/mapstruct/mapstruct/blob/main/LICENSE.txt>

## mockito-inline

<https://opensource.org/license/mit>

## mongock-springboot 5.1.0

## mongodb-springdata-v3-driver 5.1.0

## Mybatis-spring-boot-starter

<https://github.com/mybatis/spring-boot-starter/blob/master/LICENSE>

## poi

 <https://www.apache.org/licenses/LICENSE-2.0>

## poi-ooxml

<https://github.com/kiegroup/optaplanner/blob/main/LICENSE.txt>

## postgresql

<https://github.com/pgjdbc/pgjdbc/blob/master/LICENSE>

## spring-boot-configuration-processor

## spring-boot-configuration-processor

## spring-boot-starter

<https://www.apache.org/licenses/LICENSE-2.0>

## spring-boot-starter

https://www.apache.org/licenses/LICENSE-2.0

## spring-boot-starter-data-mongodb

<https://www.apache.org/licenses/LICENSE-2.0>

## spring-boot-starter-data-mongodb

<https://www.apache.org/licenses/LICENSE-2.0>

## spring-boot-starter-data-redis

<https://www.apache.org/licenses/LICENSE-2.0>

## spring-boot-starter-data-redis

<https://www.apache.org/licenses/LICENSE-2.0>

## spring-boot-starter-test

<https://www.apache.org/licenses/LICENSE-2.0>

## spring-boot-starter-validation

<https://www.apache.org/licenses/LICENSE-2.0>

## spring-boot-starter-validation

<https://www.apache.org/licenses/LICENSE-2.0>

## spring-boot-starter-web

<https://www.apache.org/licenses/LICENSE-2.0>

## spring-boot-starter-web

<https://www.apache.org/licenses/LICENSE-2.0>

## spring-cloud-starter-gateway

## spring-cloud-starter-huawei-service-engine

## spring-cloud-starter-huawei-service-engine-core

## spring-retry

<https://github.com/spring-projects/spring-retry/blob/main/LICENSE-2.0.txt>

## swagger-annotations

<https://github.com/swagger-api/swagger-core/blob/master/LICENSE>

## swagger-core

<https://github.com/swagger-api/swagger-core/blob/master/LICENSE>

## commons-io

<https://www.apache.org/licenses/LICENSE-2.0>

## esdk-obs-java-bundle

## flyway-core

## httpmime

<https://github.com/apache/httpcomponents-client/blob/master/LICENSE.txt>

## hutool-core

## lombok

<http://choosealicense.com/licenses/other/>

## pagehelper-spring-boot-starter

## redisson-spring-boot-starter

## spring-boot-starter-data-mongodb

## spring-boot-starter-data-redis

## spring-boot-starter-websocket

## spring-cloud-starter-openfeign

# Written Offer 书面邀约

产品未使用GPL、LGPL、MPL等具有对外开源义务的软件。