



sonar

A pragmatic approach to code quality management

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- Oliver Gierke
- Software Architect
- Head of R&D

- JavaEE / Spring
- OpenSource
- Productivity
- Agile development

Context

Code quality 2.0

Code quality?

Metrics

Thresholds

Tool support

Maven

Packages

[package] [object] [method] [explanation]

Packages sorted by NCSS.

Package	Classes	Methods	NCSS	Javadocs	Javadoc lines	Single lines comment	Multi lines comment
org.synyx.hades.dao.orm	8	73	410	29	194	16	445
org.synyx.hades.dao.query	11	59	355	56	340	4	180
org.synyx.hades.dao.config	4	30	221	22	139	8	171
org.synyx.hades.domain	8	58	204	36	207	0	257
org.synyx.hades.domain.auditing	4	24	104	8	52	1	189
org.synyx.hades.util	1	13	71	12	78	0	35
org.synyx.hades.dao	2	21	51	4	29	0	177
Classes total	Methods total	NCSS total	Javadocs	Javadoc lines	Single lines comment	Multi lines comment	
38	278	1416	167	1039	29	1454	

Objects

[package] [object] [method] [explanation]

TOP 30 classes containing the most NCSS.

Object	NCSS	Methods	Classes	Javadocs
org.synyx.hades.dao.config.DaoConfigDefinitionParser	96	8	2	8
org.synyx.hades.dao.orm.GenericDaoFactory	94	14	1	12
org.synyx.hades.dao.query.QueryMethod	68	17	0	17
org.synyx.hades.dao.orm.GenericEclipseLinkJpaDao	58	11	0	4

org.synyx.hades.dao.config.DaoConfigDefinitionParser	28	11	0	4
org.synyx.hades.dao.orm.GenericDaoFactory	28	13	0	13
org.synyx.hades.dao.query.QueryMethod	24	14	1	15
org.synyx.hades.dao.orm.GenericEclipseLinkJpaDao	20	8	0	8



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Easy setup

Standard metrics

Code coverage

Coding rules

Scope

Time machine

Connectedness

Demo

Questions?



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APPENDIX

- Website: <http://sonar.codehaus.org>
- LGPL License
- Demo: <http://nemo.sonar.codehaus.org>