



# 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



# sonar

# 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>