

Halstead Metrics Analysis Report for SetSpanReceiver.java

File Name : SetSpanReceiver.java

Operators:

Name	Count
package	1
import	14
public	13
class	2
extends	1
void	4
static	8
int	1
return	6
new	4
for	2
if	2
final	1
try	1
catch	2
+	2

.	69
;	33
!	1
>	16
<	16
==	1
=	5
:	2
{ }	24
()	62
[]	1
< >	16

Operands:

Name	Count
"timed out to get expected spans: "	1
"interrupted while waiting spans: "	1
org	16
apache	13
hadoop	8
tracing	3
junit	3
Assert	4

assertEquals	3
java	9
net	1
URI	2
util	8
LinkedList	5
conf	8
Configuration	6
fs	7
FileSystem	2
LocalFileSystem	2
Path	2
SpanReceiverInfo	1
ConfigurationPair	4
htrace	5
core	5
HTraceConfiguration	5
Test	4
TestTraceUtils	1
{	24
String	13
TEST_PREFIX	6

@	4
testWrappedHadoopConf	1
(62
)	62
key	7
value	3
set	2
,	20
wrapped	4
TraceUtils	2
wrapHadoopConf	2
get	4
}	24
testExtraConfig	1
oldValue	2
newValue	3
extraConfig	3
add	2
testTracingGlobber	1
Exception	1
initialize	1
globStatus	1

close	2
com	1
google	1
common	1
base	1
Supplier	2
test	1
GenericTestUtils	2
Span	13
SpanId	3
SpanReceiver	2
Collection	2
HashMap	2
List	7
Map	5
concurrent	2
ConcurrentHashMap	3
TimeoutException	2
SetSpanReceiver	3
receiveSpan	1
span	3
SetHolder	7

spans	6
put	2
getSpanId	1
clear	2
size	2
getSpans	1
values	2
getMap	4
map	6
s	4
l	5
getDescription	2
null	1
assertSpanNamesFound	1
[1
]	1
expectedSpanNames	2
waitFor	1
Boolean	2
Override	1
spanName	2
containsKey	1

false	1
true	1
100	1
1000	1
e	4
fail	2
getMessage	2
InterruptedException	1

Values

No of Distinct Operators(n1)	310.0
No of Distinct Operands(n2)	513.0
Total No of Operators(N1)	28.0
Total No of Operands(N2)	104.0
Program Length	132.0
Program Vocabulary	823.0
Estimated Length	7184.042668641432
Purity Ratio	54.424565671526004
Volume	929.8600237553159
Difficulty	31.423001949317737
Program Effort	29218.993339055927
Programming Time	1623.2774077253293

Copyright © Specksboy Inc. 2014-16