

Halstead Metrics Analysis Report for ventanaPrincipal.java

File Name : ventanaPrincipal.java

Operators:

Name	Count
package	1
import	9
public	9
class	5
extends	1
try	2
new	29
catch	5
private	14
void	13
if	4
else	1
int	2
static	1
for	1
break	1

.	370
;	87
==	2
=	20
:	1
{ }	477
()	1498
[]	62

Operands:

Name	Count
"..\iconos\\LogoX.png"	1
"Error al intentar cambiar el icono del programa."	1
"unchecked"	1
"Programa actualizador de Doxygen"	1
"Arial"	6
"Ruta del proyecto a actualizar: "	1
"Ruta de guardado de los archivos .cpp generados: "	1
"Seleccionar ruta"	2
"Ejecutar"	1
"Doxygen updater"	1

"Introduzca las rutas correctamente."	1
"Error en la rutas"	1
"Nimbus"	1
net	3
sf	3
jsqlparser	3
JSQLParserException	15
Exception	5
{	477
serialVersionUID	3
1099039459759769980L	3
Throwable	12
cause	24
null	63
(1498
)	1498
}	477
String	162
arg0	18
,	347
arg1	6
@	18

Override	16
getCause	3
printStackTrace	24
System	21
err	3
java	126
io	44
PrintWriter	3
pw	12
!=	22
println	24
PrintStream	3
ps	12
com	12
orhanobut	12
sample	2
android	6
app	2
Activity	4
os	2
Bundle	4
util	32

Log	8
logger	10
AndroidLogAdapter	12
DiskLogAdapter	4
FormatStrategy	4
Logger	44
PrettyFormatStrategy	8
Arrays	4
HashMap	4
Map	4
MainActivity	2
onCreate	4
savedInstanceState	4
setContentView	2
R	2
layout	32
activity_main	2
d	12
addLogAdapter	12
clearLogAdapters	6
formatStrategy	12
newBuilder	6

showThreadInfo	6
false	14
methodCount	6
0	54
methodOffset	2
3	10
tag	6
build	10
isLoggable	2
priority	2
BuildConfig	2
DEBUG	2
w	4
i	110
t	2
e	6
json	2
asList	2
map	8
put	4
actualizadordoxy	6
BufferedWriter	28

File	154
FileNotFoundException	8
FileWriter	16
IOException	42
nio	16
file	24
Files	8
Path	12
Paths	12
StandardCopyOption	8
ArrayList	36
List	40
javax	112
swing	112
JOptionPane	50
org	16
jdom2	16
Document	12
Element	56
JDOMException	8
input	4
SAXBuilder	12

ActualizadorDoxy	12
rutaProyecto	16
rutaDoc	44
[62
]	62
rutas	24
1	44
crearDirectorio	28
borrarDirectorio	12
borrado	16
delete	8
out	18
ejecutar	6
ruta	180
rutaDocumentacion	24
equals	14
	6
showMessageDialog	22
WARNING_MESSAGE	6
navegarCarpeta	12
INFORMATION_MESSAGE	16
organizarCarpetas	12

navegarCarpetasGrupos	12
crearCpp	16
ejecutarDoxy	12
rutaGuardado	48
archivo	96
ficheroEntrada	120
listFiles	40
isDirectory	24
getPath	16
getName	110
endsWith	16
traducirXml	8
traducirCtl	8
builder	8
xmlFile	12
rutaTesting	4
document	8
rootNode	12
getRootElement	4
listaEvents	8
getChildren	24
listaShapes	8

nombreElemento	12
replaceAll	16
nombrePrimeraSeccion	20
evento	8
listaScripts	16
script	24
getAttributeValue	12
getText	12
shapes	8
listaShape	8
shape	12
listaShapeEvents	8
eventShape	8
nombreSegundaSeccion	12
	4
actualizarLog	44
origenFile	8
origenPath	8
get	28
destinoPath	8
replaceFirst	4
copy	4

REPLACE_EXISTING	4
ex	38
nombre	12
texto	32
bw	60
write	8
close	12
directorio	12
comprobacion	12
exists	4
makedirs	4
+=	16
archivoGrupos	8
listaCpp	16
add	20
numeroArchivos	28
size	16
nombreSplit	16
split	8
length	12
clasificarArchivos	20
nivel	24

archivos	16
identificadoresArchivo	28
2	10
nombreArchivo	12
&&	4
contains	8
nuevold	24
indice	8
indexOf	4
nuevaLista	12
nuevaRuta	12
moverArchivos	8
rutasArchivos	12
siguienteNivel	12
archivoAMover	12
rutaDestino	8
renameTo	4
Runtime	4
getRuntime	4
exec	4
ioe	4
append	4

awt	46
Image	4
FileReader	2
text	2
Normalizer	2
Form	2
ImageIcon	4
JFileChooser	18
JPanel	6
ventanaPrincipal	14
JFrame	2
initComponents	4
imagen	4
getClass	2
getResource	2
getImage	2
setIconImage	2
SuppressWarnings	2
jLabel1	12
JLabel	12
jLabel2	12
jTextField1	16

JTextField	8
jTextField2	16
jButton1	14
JButton	12
jButton2	14
jButton3	14
jLabel3	12
setDefaultCloseOperation	2
WindowConstants	2
EXIT_ON_CLOSE	2
setTitle	2
setFont	12
Font	12
14	4
setText	16
setEditable	4
addActionListener	10
event	30
ActionListener	10
actionPerformed	10
ActionEvent	20
evt	30

jTextField1ActionPerformed	4
jTextField2ActionPerformed	4
11	4
jButton1ActionPerformed	4
jButton2ActionPerformed	4
36	2
jButton3ActionPerformed	4
60	2
GroupLayout	52
getContentPane	4
setLayout	2
setHorizontalGroup	2
createParallelGroup	14
Alignment	18
LEADING	4
addGroup	18
createSequentialGroup	8
addContainerGap	6
CENTER	4
addComponent	32
PREFERRED_SIZE	24
400	4

addPreferredGap	4
LayoutStyle	4
ComponentPlacement	4
RELATED	4
62	2
Short	8
MAX_VALUE	8
TRAILING	4
addGap	16
194	6
DEFAULT_SIZE	6
268	2
303	6
setVerticalGroup	2
31	12
49	2
BASELINE	6
38	6
44	6
78	2
41	6
pack	2

isEmpty	4
doxy	4
fc	20
setMultiSelectionEnabled	4
setFileSelectionMode	4
DIRECTORIES_ONLY	4
seleccion	8
showOpenDialog	4
APPROVE_OPTION	4
fichero	8
getSelectedFile	4
getAbsolutePath	4
main	2
args	2
UIManager	6
LookAndFeelInfo	2
info	6
getInstalledLookAndFeels	2
setLookAndFeel	2
getClassName	2
ClassNotFoundException	2
logging	16

getLogger	8
log	8
Level	8
SEVERE	8
InstantiationException	2
IllegalAccessException	2
UnsupportedLookAndFeelException	2
EventQueue	2
invokeLater	2
Runnable	2
run	2
setVisible	2
true	2

Values

No of Distinct Operators(n1)	2615.0
No of Distinct Operands(n2)	9371.0
Total No of Operators(N1)	24.0
Total No of Operands(N2)	353.0
Program Length	377.0
Program Vocabulary	11986.0
Estimated Length	153327.89146073285

Purity Ratio	406.7052823892118
Volume	3226.5246089022867
Difficulty	49.252747839078005
Program Effort	158915.2029588441
Programming Time	8828.62238660245

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