1.3.0 vs 1.4.0

Arg: 1

CreditCardValidator:4 function add static

EmailValidator: 22

private static final Pattern LEGAL\_ASCII\_PATTERN = Pattern.compile("^\\p{ASCII}+$");

private static final Pattern EMAIL\_PATTERN = Pattern.compile("^(.+)@(.+)$");

private static final Pattern IP\_DOMAIN\_PATTERN = Pattern.compile("^\\[(.\*)\\]$");

private static final Pattern TLD\_PATTERN = Pattern.compile("^([a-zA-Z]+)$");

private static final Pattern USER\_PATTERN = Pattern.compile("^\\s\*" + WORD + "(\\." + WORD + ")\*$");

private static final Pattern DOMAIN\_PATTERN = Pattern.compile("^" + ATOM + "(\\." + ATOM + ")\*\\s\*$");

private static final Pattern ATOM\_PATTERN

function : isValid

isValidDomain

isValidUser

isValidIpAddress

isValidSymbolicDomain

Field:42

Attr: clientValidation

Function :

isClientValidation

setClientValidation

getIndexedPropertySize

Form: 0

FormSet :11

Function : merge

GenericTypeValidator:11

Function formatDate

ISBNValidator:10

Function :isValid

Sum

Clean

toInt

isFormatted

isValidPattern

UrlValidator: 44

SCHEME\_CHARS

SCHEME\_PATTERN

private static final String PATH\_PATTERN = "/^(/[-\\w:@&?=+,.!/~\*'%$]\*)?$/";

private static final String QUERY\_PATTERN = "/^(.\*)$/";

private static final String LEGAL\_ASCII\_PATTERN = "/^[\\000-\\177]+$/";

private static final String IP\_V4\_DOMAIN\_PATTERN =

"/^(\\d{1,3})[.](\\d{1,3})[.](\\d{1,3})[.](\\d{1,3})$/";

private static final String DOMAIN\_PATTERN =

"/^" + ATOM + "(\\." + ATOM + ")\*$/";

private static final String PORT\_PATTERN = "/^:(\\d{1,5})$/";

private static final String ATOM\_PATTERN = "/(" + ATOM + ")/";

private static final String ALPHA\_PATTERN = "/^[" + ALPHA\_CHARS + "]/";

function

isValidAuthority

isValidPath

isValidQuery

isValid

isValidScheme

ValidatorResources: 19

Attr:VALIDATOR\_RULES

ValidatorResult:8

Function

ResultStatus

ValidatorUtils: 8

Function copyMap

AbstractCalendarValidator:30

dateStyle

timeStyle

line change 210 added

class 10

functions:22

"EmailValidator.isValid",

"EmailValidator.isValidDomain",

"EmailValidator.isValidUser",

"EmailValidator.isValidIpAddress",

"EmailValidator.isValidSymbolicDomain",

"Field.isClientValidation",

"Field.setClientValidation",

"Field.getIndexedPropertySize",

"FormSet.merge",

"ISBNValidator.isValid",

"ISBNValidator.Sum",

"ISBNValidator.Clean",

"ISBNValidator.toInt",

"ISBNValidator.isFormatted",

"ISBNValidator.isValidPattern",

"UrlValidator.isValidAuthority",

"UrlValidator.isValidPath",

"UrlValidator.isValidQuery",

"UrlValidator.isValid",

"UrlValidator.isValidScheme",

"ValidatorResult.ResultStatus",

"ValidatorUtils.copyMap",

invariants changes:

1.6

CalendarValidationTest 9

ByteTest 8

FlagsTest 11

1.5

CalendarValidationTest 9

ByteTest 8

FlagsTest 11

1.4

CalendarValidationTest 9

ByteTest 8

FlagsTest 11

1.3.0 vs 1.5.0

CreditCardType:33

Amex:1

Function:matches

EmailValidator:22

Function

isValid

isValidDomain

isValidUser

isValidIpAddress

isValidSymbolicDomain

stripComments

field 81

function

addMsg

getMessage

getMessages

addArg

ensureArgsCapacity

addVar

getVar

getVarValue

getVars

process

processVars

processMessageComponents

processArg

runDependentValidators

validate

Form:32

getField

containsField

merge

process

validate

FormSet:18

Merge

displayKey

GenericTypeValidator 60

formatByte

formatShort

formatInt

formatLong

formatFloat

formatDouble

formatDate

GenericValidator 12

matchRegexp

isDate

ISBNValidator 10

isValid

sum

clean

toInt

isFormatted

isValidPattern

UrlValidator:53

isValid

isValidScheme

isValidAuthority

isValidPath

isValidQuery

isValidFragment

Validator:21

Validate

ValidatorAction:64

executeValidationMethod

loadValidationClass

getParameterValues

isValid

ValidatorResources:51

ValidatorResources

initDigester

addFormSet

addValidatorAction

getValidatorAction

getValidatorActions

getForm

processForms

ValidatorResults：12

getPropertyNames

AbstractNumberValidator：19

minValue

ByteValidator：24

processParsedValue

DoubleValidator：23

processParsedValue

LongValidator：23

processParsedValue

ShortValidator：24

processParsedValue

Flags：14

isOn

turnOnAll

ValidatorUtils：17

getValueAsString

copyFastHashMap

copyMap

class 20

line of code 749

function 74

CreditCardValidator：38

isValid

EmailValidator：25

isValid

isValidDomain

isValidUser

isValidIpAddress

isValidSymbolicDomain

stripComments

field：84

addMsg

getMessage

addArg

ensureArgsCapacity

getArg

addVar

getVar

getVarValue

process

processVars

processMessageComponents

processArg

getDependencyList

clone

validateForRule

runDependentValidators

validate

Form：34

getField

addField

getFields

containsField

merge

process

validate

FormSet：20

Merge

getForm

process

displayKey

GenericTypeValidator：65

formatByte

formatByte

formatShort

formatShort

formatInt

formatLong

formatLong

formatDate

formatFloat

formatDouble

GenericValidator：12

matchRegexp

isDate

ISBNValidator：11

isValid

sum

clean

toInt

isFormatted

isValidPattern

UrlValidator：55

isValid

isValidScheme

isValidAuthority

isValidPath

isValidQuery

isValidFragment

validator：21

clear

validate

ValidatorAction：66

readJavascriptFile

generateJsFunction

getDependencyList

loadValidationClass

loadParameterClasses

getParameterValues

isValid

getClassLoader

onlyReturnErrors

ValidatorResult：15

isValid

getResult

getActions

getActionMap

ValidatorResults：13

getValidatorResult

getPropertyNames

getResultValueMap

Flags：14

isOn

turnOnAll

ValidatorUtils：17

getValueAsString

copyFastHashMap

copyMap

AbstractCalendarValidator：37

Compare

AbstractFormatValidator：17

ByteValidator：26

processParsedValue

CurrencyValidator：12

Parse

DoubleValidator：24

processParsedValue

IntegerValidator：26

processParsedValue

LongValidator：25

processParsedValue

PercentValidator：14

Parse

ShortValidator：26

processParsedValue

Class 24

Line of code 697

Function 90

Result:1.4.0 32

8

F:\Regression2\Daikon\1.3.0\CalendarValidatorTest.txt 9

25

F:\Regression2\Daikon\1.3.0\LocaleTest.txt 5

34

F:\Regression2\Daikon\1.3.0\RetrieveFormTest.txt 5

28

F:\Regression2\Daikon\1.3.0\MultipleConfigFilesTest.txt 5

6

F:\Regression2\Daikon\1.3.0\ByteTest.txt 8

Result : 1.5.0 197

F:\Regression2\Daikon\1.3.0\BigDecimalValidatorTest.txt 11

5

F:\Regression2\Daikon\1.3.0\BigIntegerValidatorTest.txt 11

6

F:\Regression2\Daikon\1.3.0\ByteTest.txt 8

7

F:\Regression2\Daikon\1.3.0\ByteValidatorTest.txt 11

8

F:\Regression2\Daikon\1.3.0\CalendarValidatorTest.txt 9

9

F:\Regression2\Daikon\1.3.0\CreditCardValidatorTest.txt 2

11

F:\Regression2\Daikon\1.3.0\DateTest.txt 2

13

F:\Regression2\Daikon\1.3.0\DoubleTest.txt 6

14

F:\Regression2\Daikon\1.3.0\DoubleValidatorTest.txt 11

17

F:\Regression2\Daikon\1.3.0\ExtensionTest.txt 8

19

F:\Regression2\Daikon\1.3.0\FlagsTest.txt 11

20

F:\Regression2\Daikon\1.3.0\FloatTest.txt 6

21

F:\Regression2\Daikon\1.3.0\FloatValidatorTest.txt 12

22

F:\Regression2\Daikon\1.3.0\GenericValidatorTest.txt 2

23

F:\Regression2\Daikon\1.3.0\IntegerTest.txt 8

24

F:\Regression2\Daikon\1.3.0\IntegerValidatorTest.txt 11

25

F:\Regression2\Daikon\1.3.0\LocaleTest.txt 5

26

F:\Regression2\Daikon\1.3.0\LongTest.txt 8

27

F:\Regression2\Daikon\1.3.0\LongValidatorTest.txt 11

28

F:\Regression2\Daikon\1.3.0\MultipleConfigFilesTest.txt 5

29

F:\Regression2\Daikon\1.3.0\MultipleTests.txt 8

32

F:\Regression2\Daikon\1.3.0\RequiredIfTest.txt 5

33

F:\Regression2\Daikon\1.3.0\RequiredNameTest.txt 6

34

F:\Regression2\Daikon\1.3.0\RetrieveFormTest.txt 5

36

F:\Regression2\Daikon\1.3.0\ShortTest.txt 6

37

F:\Regression2\Daikon\1.3.0\ShortValidatorTest.txt 11

44

F:\Regression2\Daikon\1.3.0\TypeTest.txt 3

45

F:\Regression2\Daikon\1.3.0\ValidatorResultsTest.txt 2

46

F:\Regression2\Daikon\1.3.0\ValidatorTest.txt4

Result:1.6.0 194

F:\Regression2\Daikon\Alg>python Alg1.py

{5: 1, 6: 1, 7: 1, 8: 1, 9: 1, 11: 1, 13: 1, 14: 1, 17: 1, 18: 1, 19: 1, 20: 1, 22: 1, 23: 1, 24: 1, 25: 1, 26: 1, 27: 1, 28: 1, 29: 1, 32: 1, 33: 1, 34: 1, 36: 1, 37: 1, 44: 1, 45: 1, 46: 1}

5

F:\Regression2\Daikon\1.3.0\BigIntegerValidatorTest.txt 11

6

F:\Regression2\Daikon\1.3.0\ByteTest.txt 8

7

F:\Regression2\Daikon\1.3.0\ByteValidatorTest.txt 11

8

F:\Regression2\Daikon\1.3.0\CalendarValidatorTest.txt 9

9

F:\Regression2\Daikon\1.3.0\CreditCardValidatorTest.txt 2

11

F:\Regression2\Daikon\1.3.0\DateTest.txt 2

13

F:\Regression2\Daikon\1.3.0\DoubleTest.txt 6

14

F:\Regression2\Daikon\1.3.0\DoubleValidatorTest.txt 11

17

F:\Regression2\Daikon\1.3.0\ExtensionTest.txt 8

18

F:\Regression2\Daikon\1.3.0\FieldTest.txt 9

19

F:\Regression2\Daikon\1.3.0\FlagsTest.txt 11

20

F:\Regression2\Daikon\1.3.0\FloatTest.txt 6

22

F:\Regression2\Daikon\1.3.0\GenericValidatorTest.txt 2

23

F:\Regression2\Daikon\1.3.0\IntegerTest.txt 8

24

F:\Regression2\Daikon\1.3.0\IntegerValidatorTest.txt 11

25

F:\Regression2\Daikon\1.3.0\LocaleTest.txt 5

26

F:\Regression2\Daikon\1.3.0\LongTest.txt 8

27

F:\Regression2\Daikon\1.3.0\LongValidatorTest.txt 11

28

F:\Regression2\Daikon\1.3.0\MultipleConfigFilesTest.txt 5

29

F:\Regression2\Daikon\1.3.0\MultipleTests.txt 8

32

F:\Regression2\Daikon\1.3.0\RequiredIfTest.txt 5

33

F:\Regression2\Daikon\1.3.0\RequiredNameTest.txt 6

34

F:\Regression2\Daikon\1.3.0\RetrieveFormTest.txt 5

36

F:\Regression2\Daikon\1.3.0\ShortTest.txt 6

37

F:\Regression2\Daikon\1.3.0\ShortValidatorTest.txt 11

44

F:\Regression2\Daikon\1.3.0\TypeTest.txt 3

45

F:\Regression2\Daikon\1.3.0\ValidatorResultsTest.txt 2

46

F:\Regression2\Daikon\1.3.0\ValidatorTest.txt 4

F:\Regression2\Daikon\Alg>