

Long Methods

getEncodedData

aztec/decoder/Decoder.java

This method has 98 lines, which is greater than the 75 lines authorized. Split it into smaller methods.

encode

aztec/encoder/Encoder.java

This method has 117 lines, which is greater than the 75 lines authorized. Split it into smaller methods.

parse

client/result/ExpandedProductResultParser.java

This method has 118 lines, which is greater than the 75 lines authorized. Split it into smaller methods.

matchVCardPrefixedField

client/result/VCardResultParser.java

This method has 100 lines, which is greater than the 75 lines authorized. Split it into smaller methods.

guessCharset

common/StringUtils.java

This method has 125 lines, which is greater than the 75 lines authorized. Split it into smaller methods.

detect

common/detector/WhiteRectangleDetector.java

This method has 109 lines, which is greater than the 75 lines authorized. Split it into smaller methods.

decodeC40Segment

datamatrix/decoder/DecodedBitStreamParser.java

This method has 79 lines, which is greater than the 75 lines authorized. Split it into smaller methods.

decodeTextSegment

datamatrix/decoder/DecodedBitStreamParser.java

This method has 84 lines, which is greater than the 75 lines authorized. Split it into smaller methods.

buildVersions

datamatrix/decoder/Version.java

This method has 100 lines, which is greater than the 75 lines authorized. Split it into smaller methods.

lookAheadTestIntern

datamatrix/encoder/HighLevelEncoder.java

This method has 132 lines, which is greater than the 75 lines authorized. Split it into smaller methods.

encode

oned/CodaBarWriter.java

This method has 84 lines, which is greater than the 75 lines authorized. Split it into smaller methods.

decodeRow

oned/Code128Reader.java

This method has 264 lines, which is greater than the 75 lines authorized. Split it into smaller methods.

encodeFast

oned/Code128Writer.java

This method has 80 lines, which is greater than the 75 lines authorized. Split it into smaller methods.

initIfNeeded

oned/EANManufacturerOrgSupport.java

This method has 111 lines, which is greater than the 75 lines authorized. Split it into smaller methods.

decodeRow

oned/UPCEANReader.java

This method has 79 lines, which is greater than the 75 lines authorized. Split it into smaller methods.

decodeDataCharacter

oned/rss/RSS14Reader.java

This method has 78 lines, which is greater than the 75 lines authorized. Split it into smaller methods.

adjustOddEvenCounts

oned/rss/RSS14Reader.java

This method has 100 lines, which is greater than the 75 lines authorized. Split it into smaller methods.

decodeDataCharacter

oned/rss/expanded/RSSExpandedReader.java

This method has 78 lines, which is greater than the 75 lines authorized. Split it into smaller methods.

adjustOddEvenCounts

oned/rss/expanded/RSSExpandedReader.java

This method has 87 lines, which is greater than the 75 lines authorized. Split it into smaller methods.

decodeIsolec646

oned/rss/expanded/decoders/GeneralAppldDecoder.java

This method has 86 lines, which is greater than the 75 lines authorized. Split it into smaller methods.

decodeMacroBlock

pdf417/decoder/DecodedBitStreamParser.java

This method has 96 lines, which is greater than the 75 lines authorized. Split it into smaller methods.

decodeTextCompaction

pdf417/decoder/DecodedBitStreamParser.java

This method has 144 lines, which is greater than the 75 lines authorized. Split it into smaller methods.

byteCompaction

pdf417/decoder/DecodedBitStreamParser.java

This method has 79 lines, which is greater than the 75 lines authorized. Split it into smaller methods.

encodeHighLevel

pdf417/encoder/PDF417HighLevelEncoder.java

This method has 92 lines, which is greater than the 75 lines authorized. Split it into smaller methods.

encodeText

pdf417/encoder/PDF417HighLevelEncoder.java

This method has 113 lines, which is greater than the 75 lines authorized. Split it into smaller methods.

decode

qrcode/decoder/DecodedBitStreamParser.java

This method has 100 lines, which is greater than the 75 lines authorized. Split it into smaller methods.

buildVersions

qrcode/decoder/Version.java

This method has 332 lines, which is greater than the 75 lines authorized. Split it into smaller methods.

encode

qrcode/encoder/Encoder.java

This method has 77 lines, which is greater than the 75 lines authorized. Split it into smaller methods.

God Classes

qrcode/encoder/MatrixUtil.java

class "MatrixUtil" has 20 methods, which is greater than the 19 authorized. Split it into smaller classes.

qrcode/encoder/Encoder.java

class "Encoder" has 25 methods, which is greater than the 19 authorized. Split it into smaller classes.

qrcode/detector/FinderPatternFinder.java

class "FinderPatternFinder" has 22 methods, which is greater than the 19 authorized. Split it into smaller classes.

pdf417/decoder/PDF417ScanningDecoder.java

class "PDF417ScanningDecoder" has 25 methods, which is greater than the 19 authorized. Split it into smaller classes.

pdf417/PDF417ResultMetadata.java

class "PDF417ResultMetadata" has 22 methods, which is greater than the 19 authorized. Split it into smaller classes.

oned/rss/expanded/RSSExpandedReader.java

class "RSSExpandedReader" has 20 methods, which is greater than the 19 authorized. Split it into smaller classes.

datamatrix/encoder/SymbolInfo.java

class "SymbolInfo" has 21 methods, which is greater than the 19 authorized. Split it into smaller classes.

datamatrix/encoder/MinimalEncoder.java

class "Edge" has 20 methods, which is greater than the 19 authorized. Split it into smaller classes.

datamatrix/encoder/HighLevelEncoder.java

class "HighLevelEncoder" has 21 methods, which is greater than the 19 authorized. Split it into smaller classes.

datamatrix/encoder/EncoderContext.java

class "EncoderContext" has 21 methods, which is greater than the 19 authorized. Split it into smaller classes.

common/DecoderResult.java

class "DecoderResult" has 20 methods, which is greater than the 19 authorized. Split it into smaller classes.

common/BitMatrix.java

class "BitMatrix" has 30 methods, which is greater than the 19 authorized. Split it into smaller classes.

common/BitArray.java

class "BitArray" has 27 methods, which is greater than the 19 authorized. Split it into smaller classes.

Feature Envy

zxing/aztec/AztecReader.java

Split this class into smaller and more specialized ones to reduce its dependencies on other classes from 14 to the maximum authorized 1 or less.

zxing/multi/qrcode/QRCodeMultiReader.java

Split this class into smaller and more specialized ones to reduce its dependencies on other classes from 15 to the maximum authorized 1 or less.

zxing/oned/rss/RSS14Reader.java

Split this class into smaller and more specialized ones to reduce its dependencies on other classes from 14 to the maximum authorized 1 or less.

zxing/oned/rss/expanded/RSSExpandedReader.java

Split this class into smaller and more specialized ones to reduce its dependencies on other classes from 16 to the maximum authorized 1 or less.

zxing/pdf417/decoder/PDF417ScanningDecoder.java

Split this class into smaller and more specialized ones to reduce its dependencies on other classes from 17 to the maximum authorized 1 or less.

zxing/qrcode/encoder/Encoder.java

Split this class into smaller and more specialized ones to reduce its dependencies on other classes from 16 to the maximum authorized 1 or less.

DataClass

zxing/client/result/AddressBookParsedResult.java

zxing/client/result/CalendarParsedResult.java

zxing/client/result/ExpandedProductParsedResult.java

zxing/common/DecoderResult.java

zxing/pdf417/PDF417ResultMetadata.java