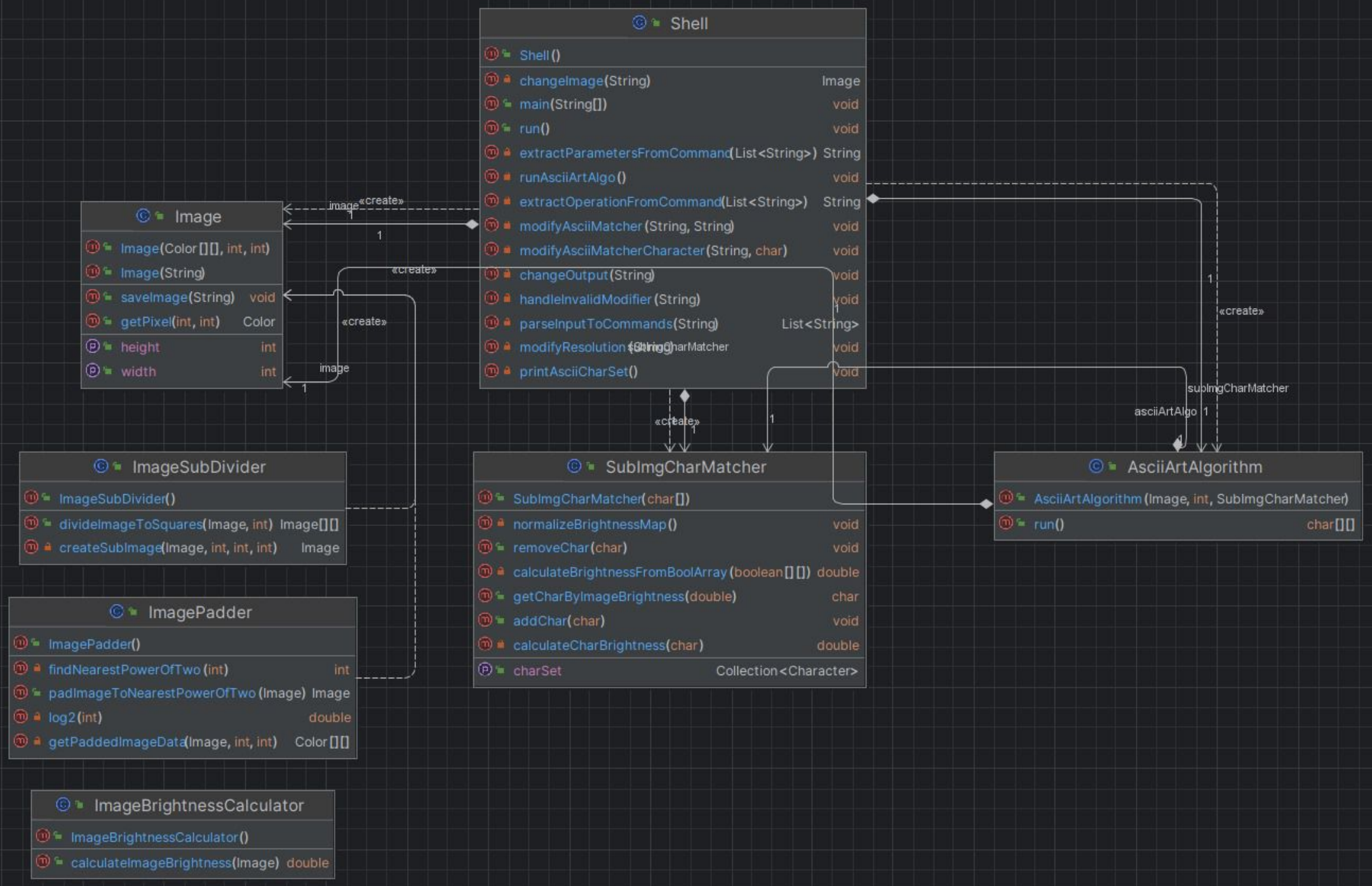
Shell
Shell()
changeImage(String) Image
main(String[]) void
run() void
extractParametersFromCommand(List<String>) String
runAsciiArtAlgo() void
extractOperationFromCommand(List<String>) String
modifyAsciiMatcher(String, String) void
modifyAsciiMatcherCharacter(String, char) void
changeOutput(String) void
handleInvalidModifier(String) void
parseInputToCommands(String) List<String>
modifyResolution(String) void
printAsciiCharSet() void
Image
Image(Color[][], int, int)
Image(String)
saveImage(String) void
getPixel(int, int) Color
height int
width int
ImageSubDivider
ImageSubDivider()
divideImageToSquares(Image, int) Image[][]
createSubImage(Image, int, int, int) Image
ImagePadder
ImagePadder()
findNearestPowerOfTwo(int) int
padImageToNearestPowerOfTwo(Image) Image
log2(int) double
getPaddedImageData(Image, int, int) Color[][]
ImageBrightnessCalculator
ImageBrightnessCalculator()
calculateImageBrightness(Image) double
SubImgCharMatcher
SubImgCharMatcher(char[])
normalizeBrightnessMap() void
removeChar(char) void
calculateBrightnessFromBoolArray(boolean[][]) double
getCharByImageBrightness(double) char
addChar(char) void
calculateCharBrightness(char) double
charSet Collection<Character>
AsciiArtAlgorithm
AsciiArtAlgorithm(Image, int, SubImgCharMatcher)
run() char[][]
«create»
image
1
subImgCharMatcher
asciiArtAlgo