# Depix——a tool for recovering passwords from pixelized screenshots

Github Page: github.com/beurtschipper/Depix

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# Introduction

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- A linear box filter takes a box of pixels, and overwrites the pixels with the average value of all pixels in the box.

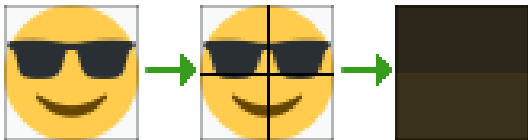Here is an illustation of the linear box filter:



Figure: Illustration of the linear box filter.

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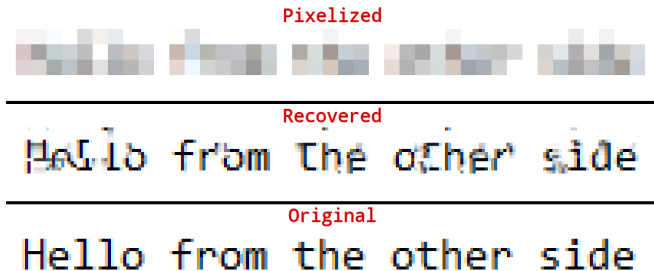Depix is a tool for recovering passwords from pixelized screenshots, and the image below shows one of the test results.



Figure: Test result of Depix.