A novel approach to solve the Waldo puzzle

Aswanth P P, Mohammed Ameen, Joe Antony and Shashidhar G. Koolagudi

Department of Computer Science and Engineering

National Institute of Technology Karnataka, Surathkal

Abstract—This paper explains an approach to solve the Waldo puzzle by using machine learning concepts. The Waldo Puzzle consists of a picture or an image with a lot of different characters and objects. The objective is to locate the position of a certain character named Waldo in the image. The difficulty of the puzzle is usually high,and it generally takes a considerable amount of time to find him using the naked eye. Through machine learning, and using object detection strategies, we locate Waldo in the order of a few seconds, making it a much more effortless approach.

Keywords—*Machine Learning, Template Matching, Object Detection, Tensorflow*

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