

# Rescript Clamping

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**Abstract:** This project is all about paraphrasing of single or multi-lined texts, using Python's Parrot library and algorithm naming, T5 (Text-to-Text Transfer Transformer) algorithm. The algorithm treats a wide variety of many-to-many and many-to-one NLP (Natural Language Processing) tasks in a unified manner by encoding the different tasks. We are in the era of fast changing technology with a very busy schedule. Sometimes we are loaded with so much stuffs that we get confused in terms of any project, understanding any article, framing sentences, etc. So, we need a technological helper such that we can resolve these problems. Our project is one such solution of many problems regarding summarization, translation, knowledge extraction, etc. Previously only single-line text was paraphrased but now multiple-line text can also be added to it. Moreover, Algorithm which is used for this paraphrasing is T5 which has a large scope in NLP. As per considering future aspects this multi-line paraphrasing can be extended to AI based voice recognition and its summarization such that people briefly understand the things..

**Keywords:** Python, Parrot Library, NLP (Natural Language Processing), T5 (Text-to-Text Transfer Transformer) Algorithm, Google Collaboratory

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