

testrank

December 5, 2022

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[1]: text = ""
    with open(
        '/home/minuano/Desktop/DUC2004/DUC2004_Summarization_Documents/
        ↪duc2004_testdata/tasks1and2/duc2004_tasks1and2_docs/docs/1/D2.txt',
        'r') as f:
        lines = f.readlines()
        for line in lines:
            text += (" " + line.strip())

[2]: expected_summary = ""
    with open(
        '/home/minuano/Desktop/DUC2004/reference/Task1_reference2.txt',
        'r') as f:
        lines = f.readlines()
        for line in lines:
            expected_summary += (" " + line.strip())

[3]: from summa.summarizer import summarize
    summary = summarize(text, words=100)

[4]: from rouge_score import rouge_scorer

    scorer = rouge_scorer.RougeScorer(['rouge1'], use_stemmer=True)
    scores = scorer.score(expected_summary, summary)
    scores

[4]: {'rouge1': Score(precision=0.3523809523809524, recall=0.33636363636363636,
    fmeasure=0.34418604651162793)}
```