Readme

This is a script that estimates the similarity between documents that are taken two by two from a larger collection. The algorithm calculates the average frequencies of the words used within the collection of all the documents, and compares these values with the local frequencies of the words within each document individually. The deviations / fluctuations become then the parameters used to calculate a quantitative value of semantic proximity.

More information:
http://scikit-learn.org/stable/modules/feature_extraction.html#text-feature-extraction (Proximus NV → Level 3 Communications, Inc. → GitHub, Inc.)

The calculations of the # word count of papers is based on work-in-progress versions of articles produced for the workshop.
See https://machineresearch.wordpress.com/

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FEATURE EXTRACTION: MOST FREQUENT WORDS

An_Ethnography_of_Error.txt
-- error(13) human(12) problem(11) driverless(9) car(9)

Computing_War_Narratives_The_Hamlet_Evaluation_System_in_Vietman.txt
-- hamlet(22) hes(20) data(16) war(12) vietnam(12)

Elusive_Borders_Aesthetic_Perpectualization_The_Space_Time_of_Metadata.txt
-- space(21) data(18) cables(15) metadata(14) tor(12)

From_Page_Rank_to_Rankbrain.txt
-- search(28) google(22) page(17) users(13) algorithms(11)

Machine_Listening.txt
-- human(28) wavenet(22) ernst(18) machine(16) listening(16)

Machine_Pedagogies.txt
-- images(16) human(15) freire(15) oppressor(13) learning(13)

Participation_in_Infrastructures.txt
-- systems(20) electricity(19) demand(13) time(12) resources(11)

Pattern-Recognition-across-Bodies-and-Machines-by-Anarchival-Means.txt
-- data(26) recognition(11) digital(11) capture(11) perception(9)

Relearn_to_Read_Speed_Readers.txt
-- reading(39) speed(35) reader(13) readers(12) new(12)

Resolution_Theory.txt
-- resolution(66) term(17) word(15) resolutions(15) formal(14)

Testing_Texting_South_a_Political_Fiction.txt
-- language(18) south(17) political(17) fictions(13) 2015(11)

The_Cultural_Politics_of_Information_and_of_Debt.txt
-- information(20) debt(19) communication(19) terranova(15) message(14)

The_Signification_Communication_Question_Some_Initial_Remarks.txt
-- language(14) communication(14) reality(11) thought(10) medium(10)

The_Stupid_Network_that_we_Know_and_Love.txt
-- network(21) ip(15) tcp(13) internet(13) protocol(12)

Unmaking_Screens_a_Genealogy_of_the_Mineral_Vision.txt
-- vision(13) media(11) land(10) earth(10) practices(7)

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CALCULATED SIMILARITY VALUE BETWEEN DOCUMENTS

An_Ethnography_of_Error.txt
- 0.088 Machine_Pedagogies.txt
- 0.085 Machine_Listening.txt
- 0.074 Unmaking_Screens_a_Genealogy_of_the_Mineral_Vision.txt
- 0.070 The_Signification_Communication_Question_Some_Initial_Remarks.txt
- 0.067 From_Page_Rank_to_Rankbrain.txt
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- 0.060 Relearn_to_Read_Speed_Readers.txt
- 0.057 Elusive_Borders_Aesthetic_Perpectualization_The_Space_Time_of_Metadata.txt
- 0.046 Computing_War_Narratives_The_Hamlet_Evaluation_System_in_Vietman.txt
- 0.044 The_Cultural_Politics_of_Information_and_of_Debt.txt

Computing_War_Narratives_The_Hamlet_Evaluation_System_in_Vietman.txt
- 0.081 Testing_Texting_South_a_Political_Fiction.txt
- 0.078 Pattern-Recognition-across-Bodies-and-Machines-by-Anarchival-Means.txt
- 0.070 Unmaking_Screens_a_Genealogy_of_the_Mineral_Vision.txt
- 0.070 Participation_in_Infrastructures.txt
- 0.065 From_Page_Rank_to_Rankbrain.txt
- 0.057 Elusive_Borders_Aesthetic_Perpectualization_The_Space_Time_of_Metadata.txt
- 0.046 An_Ethnography_of_Error.txt
- 0.040 Machine_Pedagogies.txt
- 0.036 Machine_Listening.txt
- 0.034 The_Cultural_Politics_of_Information_and_of_Debt.txt
- 0.033 The_Signification_Communication_Question_Some_Initial_Remarks.txt

Elusive_Borders_Aesthetic_Perpectualization_The_Space_Time_of_Metadata.txt
- 0.105 Participation_in_Infrastructures.txt
- 0.092 The_Stupid_Network_that_we_Know_and_Love.txt
- 0.103 Pattern-Recognition-across-Bodies-and-Machines-by-Anarchival-Means.txt
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- 0.047 An_Ethnography_of_Error.txt

From_Page_Rank_to_Rankbrain.txt
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- 0.096 The_Stupid_Network_that_we_Know_and_Love.txt
- 0.087 Machine_Pedagogies.txt
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- 0.071 Testing_Texting_South_a_Political_Fiction.txt
- 0.068 Machine_Listening.txt
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- 0.052 Resolution_Theory.txt

Machine_Listening.txt
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RECOMMENDED READINGS FLOW

If you enjoyed reading An_Ethnography_of_Error.txt, you might like also:
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-- Machine_Listening.txt

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If you enjoyed reading Resolution_Theory.txt, you might like also:
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