

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
-- 0.004 Machine_Pedagogies.txt
-- 0.005 Machine_Listening.txt
-- 0.074 Unmaking_Screens_a_Genealogy_of_the_Mineral_Vision.txt
-- 0.075 The_Signification_Communication_Question_Some_Initial_Remarks.txt
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-- 0.004 Resolution_Theory.txt

Elusive_Borders_Aesthetic_Perpectualization_The_Space_Time_of_Metadata.txt
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-- 0.105 The_Stupid_Network_that_we_Know_and_Love.txt
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From_Page_Rank_to_Rankbrain.txt
-- 0.138 Pattern-Recognition-across-Bodies-and-Machines-by-Anarchival-Means.txt
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RECOMMENDED READINGS FLOW

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

-- Machine_Pedagogies.txt

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

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

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