Arunkumar Manickam | [axm126230@utdallas.edu](mailto:axm126230@utdallas.edu)

Information Retrieval

HomeWork 2

Spring 2014

**Output:**

Reading stop words

Processing 1400 files...

Size of inverted list:8849

Uncompressed size :381809

Compressed size :145405

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Term:reynold

Total Number of documents (df):198

Total term frequency (tf):380

Inverted List (df,tf):

[7,3] [8,1] [9,7] [25,1] [37,1] [43,2] [50,1] [53,7] [54,2] [55,1] [62,1] [63,1] [73,2] [76,2] [79,4] [80,5] [89,1] [96,3] [99,1] [103,1] [115,3] [117,2] [120,2] [123,1] [125,1] [128,1] [132,1] [133,1] [134,1] [139,5] [141,1] [149,4] [151,1] [165,8] [174,1] [179,1] [182,1] [184,1] [185,1] [187,2] [188,1] [189,4] [197,5] [199,5] [205,1] [208,1] [212,1] [218,3] [223,1] [225,1] [228,2] [238,1] [244,1] [254,1] [255,2] [257,2] [261,1] [272,10] [294,2] [299,1] [304,1] [314,1] [315,7] [328,1] [329,3] [338,1] [343,2] [346,2] [347,1] [351,1] [361,1] [371,1] [372,1] [413,2] [417,5] [423,3] [434,1] [441,2] [443,1] [486,1] [491,1] [493,1] [504,5] [505,1] [519,3] [522,2] [530,3] [536,1] [537,1] [554,1] [555,1] [564,3] [566,2] [572,1] [576,1] [610,1] [630,2] [636,1] [646,1] [657,1] [662,1] [663,1] [666,3] [667,2] [668,5] [670,1] [671,1] [675,2] [689,2] [690,2] [694,1] [696,1] [709,1] [710,6] [712,2] [713,1] [759,1] [776,2] [780,1] [793,1] [794,1] [796,1] [798,2] [808,1] [812,1] [815,1] [816,1] [861,2] [874,2] [941,1] [947,1] [949,1] [959,2] [962,1] [964,3] [965,2] [970,1] [971,2] [972,1] [976,1] [979,1] [992,3] [993,2] [996,1] [999,1] [1007,1] [1010,1] [1040,8] [1076,1] [1078,8] [1080,1] [1081,2] [1082,7] [1085,1] [1107,1] [1133,1] [1152,1] [1159,1] [1188,1] [1191,4] [1198,1] [1205,1] [1211,1] [1212,3] [1214,2] [1218,2] [1221,2] [1222,1] [1226,1] [1229,4] [1239,1] [1242,1] [1244,3] [1254,1] [1256,3] [1257,1] [1258,2] [1263,2] [1264,6] [1278,1] [1281,1] [1284,1] [1292,1] [1300,4] [1302,2] [1313,1] [1322,1] [1324,1] [1347,1] [1349,1] [1351,2] [1355,1] [1364,1] [1367,1] [1378,1] [1381,3] [1394,2] [1395,1]

Size of the inverted list in bytes: 1616

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Term:nasa

Total Number of documents (df):145

Total term frequency (tf):148

Inverted List (df,tf):

[53,1] [58,1] [68,1] [69,1] [76,1] [78,1] [80,1] [82,1] [83,1] [160,1] [161,1] [162,1] [163,1] [164,1] [211,1] [272,1] [275,1] [302,1] [312,1] [413,1] [421,1] [449,1] [492,1] [564,1] [634,1] [638,1] [639,1] [685,1] [686,1] [688,1] [690,1] [691,1] [696,1] [704,1] [708,1] [709,1] [711,1] [712,1] [713,1] [716,1] [717,1] [718,1] [727,1] [758,1] [759,1] [766,1] [769,1] [781,1] [805,1] [806,2] [807,1] [808,1] [809,1] [810,1] [815,1] [816,1] [838,1] [840,1] [857,1] [858,1] [859,1] [862,1] [863,1] [888,1] [897,1] [898,1] [930,1] [944,1] [945,1] [946,1] [947,1] [948,1] [949,2] [955,1] [956,1] [957,1] [966,1] [967,1] [970,1] [971,1] [972,1] [973,1] [988,1] [989,1] [994,1] [996,1] [997,1] [999,1] [1000,1] [1001,1] [1064,1] [1065,1] [1066,1] [1068,1] [1069,1] [1070,1] [1071,1] [1077,1] [1089,1] [1091,1] [1093,1] [1098,1] [1099,1] [1100,1] [1101,1] [1102,1] [1105,1] [1106,1] [1107,1] [1112,1] [1114,1] [1143,1] [1146,1] [1153,1] [1156,1] [1162,1] [1163,1] [1165,1] [1166,1] [1167,1] [1168,1] [1169,1] [1170,1] [1178,1] [1270,1] [1289,1] [1290,1] [1291,1] [1292,1] [1293,1] [1294,1] [1307,1] [1311,1] [1331,1] [1344,1] [1346,1] [1347,1] [1348,1] [1349,1] [1350,2] [1351,1] [1355,1] [1356,1] [1359,1] [1380,1]

Size of the inverted list in bytes: 1208

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Term:prandtl

Total Number of documents (df):49

Total term frequency (tf):65

Inverted List (df,tf):

[23,1] [37,1] [49,1] [50,2] [54,1] [55,1] [62,1] [98,1] [101,2] [115,1] [185,1] [240,3] [268,1] [269,1] [300,1] [302,2] [306,1] [307,1] [310,2] [325,1] [328,2] [351,1] [352,1] [375,2] [383,1] [389,1] [398,1] [460,1] [474,1] [534,2] [538,1] [559,1] [560,1] [562,1] [565,2] [570,1] [611,1] [661,2] [662,1] [784,1] [962,1] [1072,1] [1149,1] [1226,5] [1241,1] [1372,1] [1374,1] [1384,1] [1386,2]

Size of the inverted list in bytes: 392

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Term:flow

Total Number of documents (df):715

Total term frequency (tf):1964

Inverted List (df,tf):

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Size of the inverted list in bytes: 5837

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Term:pressur

Total Number of documents (df):532

Total term frequency (tf):1307

Inverted List (df,tf):

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Size of the inverted list in bytes: 4389

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Term:boundari

Total Number of documents (df):413

Total term frequency (tf):926

Inverted List (df,tf):

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Size of the inverted list in bytes: 3369

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Term:shock

Total Number of documents (df):222

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Inverted List (df,tf):

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Size of the inverted list in bytes: 1838

Run Time 16sec

Reference:

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