Topics and APPS

Generally, Perplexity estimate less than 1000 generates a good estimate of the number of topics.

BART (3 Topics) [-8.286 per-word bound, 312.1 perplexity]

topic #0 (0.333): 0.051\*"service" + 0.037\*"merge" + 0.033\*"notification" + 0.030\*"route" + 0.025\*"onresume" + 0.023\*"new" + 0.023\*"remove" + 0.023\*"response" + 0.022\*"routeresponse" + 0.022\*"stations"

2016-12-06 22:32:31,022 : INFO : topic #1 (0.333): 0.036\*"usherservice" + 0.034\*"service" + 0.029\*"route" + 0.029\*"view" + 0.029\*"initial" + 0.027\*"text" + 0.026\*"touch" + 0.024\*"train" + 0.023\*"refactor" + 0.022\*"class"

2016-12-06 22:32:31,023 : INFO : topic #2 (0.333): 0.036\*"display" + 0.033\*"bugfix" + 0.032\*"handling" + 0.031\*"icon" + 0.026\*"sjxp" + 0.026\*"service" + 0.025\*"improved" + 0.022\*"tweaks" + 0.021\*"api" + 0.019\*"response"

Top 5 terms for topic #0: service, merge, notification, route, onresume

Top 5 terms for topic #1: usherservice, service, route, view, initial

Top 5 terms for topic #2: display, bugfix, handling, icon, sjxp

Batphone (5 topics) [-7.650 per-word bound, 200.8 perplexity] (check 0.01.csv file)

topic #0 (0.200): 0.031\*"translation" + 0.030\*"russian" + 0.028\*"update" + 0.022\*"8b64e154-0f13-11de-9106-f38757f67524" + 0.014\*"58ca5e2c-0207-11de-85c2-bb0660c75f22" + 0.013\*"fixed" + 0.012\*"strings" + 0.011\*"bugs" + 0.011\*"fix" + 0.010\*"version"

2016-12-07 01:57:52,229 : INFO : topic #1 (0.200): 0.043\*"8b64e154-0f13-11de-9106-f38757f67524" + 0.016\*"58ca5e2c-0207-11de-85c2-bb0660c75f22" + 0.013\*"last" + 0.013\*"beta" + 0.011\*"french" + 0.011\*"commit." + 0.011\*"fix" + 0.009\*"fit" + 0.009\*"issue" + 0.009\*"original"

2016-12-07 01:57:52,230 : INFO : topic #2 (0.200): 0.032\*"issue" + 0.028\*"58ca5e2c-0207-11de-85c2-bb0660c75f22" + 0.021\*"fix" + 0.018\*"8b64e154-0f13-11de-9106-f38757f67524" + 0.017\*"bug" + 0.015\*"reverted" + 0.014\*"changed" + 0.013\*"fixing" + 0.013\*"beta" + 0.011\*"change"

2016-12-07 01:57:52,231 : INFO : topic #3 (0.200): 0.029\*"added" + 0.020\*"58ca5e2c-0207-11de-85c2-bb0660c75f22" + 0.016\*"version" + 0.013\*"setup" + 0.011\*"sipdroid" + 0.011\*"8b64e154-0f13-11de-9106-f38757f67524" + 0.009\*"initial" + 0.009\*"beta" + 0.008\*"rewrite" + 0.008\*"bumping"

2016-12-07 01:57:52,231 : INFO : topic #4 (0.200): 0.070\*"58ca5e2c-0207-11de-85c2-bb0660c75f22" + 0.024\*"fix" + 0.023\*"issues" + 0.021\*"beta" + 0.016\*"8b64e154-0f13-11de-9106-f38757f67524" + 0.015\*"small" + 0.014\*"support" + 0.010\*"wrong" + 0.009\*"added" + 0.008\*"changes"

Top 5 terms for topic #0: translation, russian, update, 8b64e154-0f13-11de-9106-f38757f67524, 58ca5e2c-0207-11de-85c2-bb0660c75f22

Top 5 terms for topic #1: 8b64e154-0f13-11de-9106-f38757f67524, 58ca5e2c-0207-11de-85c2-bb0660c75f22, last, beta, french

Top 5 terms for topic #2: issue, 58ca5e2c-0207-11de-85c2-bb0660c75f22, fix, 8b64e154-0f13-11de-9106-f38757f67524, bug

Top 5 terms for topic #3: added, 58ca5e2c-0207-11de-85c2-bb0660c75f22, version, setup, sipdroid

Top 5 terms for topic #4: 58ca5e2c-0207-11de-85c2-bb0660c75f22, fix, issues, beta, 8b64e154-0f13-11de-9106-f38757f67524

campyre (3 topics) (-9.627 per-word bound, 790.6 perplexity estimate) (check v0.9.5.csv)

topic #0 (0.333): 0.016\*"room" + 0.015\*"whitespace" + 0.011\*"adding" + 0.010\*"git@github.com:klondike/android-campfire" + 0.010\*"removed" + 0.010\*"added" + 0.010\*"roomview" + 0.010\*"method" + 0.009\*"'master'" + 0.009\*"branch"

2016-12-07 02:00:41,270 : INFO : topic #1 (0.333): 0.022\*"added" + 0.015\*"readme" + 0.014\*"renamed" + 0.012\*"room" + 0.011\*"moved" + 0.011\*"version" + 0.010\*"removed" + 0.010\*"updated" + 0.010\*"android" + 0.009\*"campfire"

2016-12-07 02:00:41,270 : INFO : topic #2 (0.333): 0.016\*"moved" + 0.013\*"roomlist" + 0.012\*"code" + 0.011\*"text" + 0.011\*"comments" + 0.010\*"added" + 0.010\*"room" + 0.010\*"removed" + 0.009\*"message" + 0.008\*"first"

Top 5 terms for topic #0: room, whitespace, adding, git@github.com:klondike/android-campfire, removed

Top 5 terms for topic #1: added, readme, renamed, room, moved

Top 5 terms for topic #2: moved, roomlist, code, text, comments

iFixitAndroid -8.602 per-word bound, 388.6 perplexity estimate based on a held-out corpus of 307 documents with 572 words

(3 topics v1.0.csv)

Topics in LDA model:

topic #0 (0.333): 0.030\*"fix" + 0.020\*"add" + 0.018\*"update" + 0.017\*"guide" + 0.017\*"topic" + 0.016\*"view" + 0.015\*"closes" + 0.014\*"list" + 0.012\*"fixed" + 0.012\*"added"

2016-12-07 02:05:02,153 : INFO : topic #1 (0.333): 0.033\*"remove" + 0.019\*"added" + 0.017\*"unused" + 0.016\*"3574e4b1-9a2c-0410-9c1c-83071a6f58f1" + 0.016\*"git-svn-id:" + 0.016\*"images" + 0.013\*"readme" + 0.013\*"use" + 0.012\*"page" + 0.012\*"tablets"

2016-12-07 02:05:02,153 : INFO : topic #2 (0.333): 0.019\*"'develop'" + 0.019\*"branch" + 0.019\*"merge" + 0.018\*"develop" + 0.015\*"image" + 0.015\*"github.com:ifixit/ifixitandroid" + 0.015\*"add" + 0.015\*"topic" + 0.015\*"updated" + 0.013\*"added"

Top 5 terms for topic #0: fix, add, update, guide, topic

Top 5 terms for topic #1: remove, added, unused, 3574e4b1-9a2c-0410-9c1c-83071a6f58f1, git-svn-id:

Top 5 terms for topic #2: 'develop', branch, merge, develop, image

KindMind

-9.570 per-word bound, 760.1 perplexity estimate based on a held-out corpus of 118 documents with 224 words

Topics in LDA model:

topic #0 (0.333): 0.025\*"x" + 0.024\*"version" + 0.021\*"widget" + 0.017\*"notification" + 0.017\*"changes" + 0.016\*"action" + 0.016\*"added" + 0.015\*"using" + 0.013\*"issue" + 0.013\*"notifications"

2016-12-07 02:09:25,288 : INFO : topic #1 (0.333): 0.025\*"x" + 0.020\*"notifications" + 0.018\*"bug" + 0.015\*"fixes" + 0.014\*"fix" + 0.013\*"created" + 0.012\*"list" + 0.012\*"widget" + 0.012\*"added" + 0.012\*"actions"

2016-12-07 02:09:25,288 : INFO : topic #2 (0.333): 0.029\*"..." + 0.020\*"commit" + 0.018\*"added" + 0.016\*"removed" + 0.015\*"new" + 0.015\*"change" + 0.014\*"update" + 0.014\*"minor" + 0.014\*"static" + 0.013\*"files"

Top 5 terms for topic #0: x, version, widget, notification, changes

Top 5 terms for topic #1: x, notifications, bug, fixes, fix

Top 5 terms for topic #2: ..., commit, added, removed, new