

Kazahana a.k.a. Windbloom a.k.a. Snowflake a.k.a. Snowflowerwind a.k.a. Snowflowerwind a.k.a. Aerialflower



Shinkansen Nozomi/Tsubame/Fikari/Hayabusa/Komachi/Kodama! ... Kazahana
Superexpress (Hope)/(Suaflow)/(Light)/(Peregrine)/(a belle)/(an echo)/... (Windbloom)

An x-gram superfast full-text 'on the fly' suggesteress using exact & wildcards & Levenshtein distance matching
written in C, HEXADECAD-Threaded Linux & Windows executables
Free download at: www.sanmayce.com/Downloads/Kazahana.zip

below an actual snowflake (taken from Snow white's blog) under a microscope! Breathtaking and unique!



I couldn't miss that one of my oldest catlimes shares a common glyph (𐄂) with kazahana, in addition it turns out that an anime character exist with the same name translated as 'windblow', immediately I saw the connection:

one song from my childhood is still very dear to me: 'diana express - severina', the world is really small: 'diana express' was (she is no more, she is in trains' heaven, bulgaria is falling apart) the name of one of bulgarian shinkansens (in Japanese: new rail line, in bulgaria we simply say 'pauka' i.e. 'the arrow train' not bullet train nor high velocity train, because diana is the goddess of hunting, she is depicted as semi-naked beauty launching arrows gracefully, and presumably with god-like accuracy), where 'severina' is the name of a girl (made of snow, the lyrics don't tell literally or metaphoricaly) coming every winter from the north, the closest equivalent of 'severina' being 'northern'.

Lyrics
Mitko Shterev - keyboards,
Iliya Angelov - lead vocal & guitar
Дяна Експрес - дееприва / diana express - severina
Сееприва, момиче от север / severina a girl made of snow
Всичка зима е сееприва зима / every winter she is a northern sign
аз го имам в нечи от юг / I have it in song from south
Сееприва - радост за джър / severina - a joy not for me
и като чир твои ваии / And like a snow she silently comes
вм от монтта мидов / a scream from my love
и се топи и навява твта / and she melts and brings sadness
нечегра ми за теб / my song for you
Сееприва, момиче от север / Severina a snow girl
на поивашиа дее / she is fabulous fairy's
е сееприва зима / northern sign
любваш ме бързо / she kisses me quickly
и го чира / faster zima / and winter start marching on
бона твта / white sadness

I've heard that eskimo people have more than 200 words for snow, this trumps even the sensitivity of Japanese people who are best known for their reverence to Nature, just a few snow related ones:

hatsuyuki : first snow (of season)
hyouden : field of eternal snow
koyuki : light snow
okuyuki : heavy snow
sesuzuki : snow sculpture
shirishin : sound of heavy snow-fall
shirishin : mind body
yukitama : snow woman, fairy

Mutsi-mutsi, 'shirishin' is all-zen, in my view, any language lacking a word for sound of snowfalling quickly must incorporate it and fill the gap.

In my language 'snowflake' is described with 'onehinka', whereas 'snowwhite' with 'Cueahana', no bias here: these two Bulgarian words are fabulous and so rring, they are feminine (English in that respect fails to comote the most beautiful facet: tenderness), another lovely variant is the Russian 'Cherypovia', Russian is a brother language yet the 'snowflake' counterpart eludes me.

What 'kazahana' really means? I asked this on a Japanese forum, but couldn't get the exhaustive definition, yet:

"kazahana" (or "kazabana" - same word different reading, probably depending on the locality) is a meteorological phenomenon in which snow falling in a location quite remote from you is blown by strong winds and flutters in the sunny sky above you. Therefore, it is 'snow flower', and 'wind flower', and 'snowing on a clear day'. This doesn't happen everywhere but occurs in certain parts of Japan where the conditions are right for the phenomenon to happen. I've seen it in Kyoto and Guma, but not in Tokyo where I live. Because of the beauty and romance of snowflakes glittering in the sun, Kazahana is popularly used as names of products, stores, etc. That is the reason why you saw it used for a doll.

I believe there is even deeper (going back to the 'anima/soul' roots) meaning, namely 'animated-flower' i.e. 'soulful-flower'. I did my own investigation:

KAZAHANA - 風花 [かざはな]

wind - 風 can also be read "fu" as in 台風 (taifuu / typhoon)
flower - 花

snow - 雪 【ゆき】

snowflakes/snowflowers - 雪花

anima, noun, E20.

Latin = (i) air, breath, life; (ii) mind, soul.]

Psychanalysis: the inner self (opp. persona). Also, the source of the feminine component of a personality. cf. ANIMUS.

/SED/

anima, noun & adjective. ME.

Is adjective from Old & mod. French, or Latin animalis having vital breath, (in medieval Latin) bestial, from ANIMA: see -ALI; partly attrib. use of the noun. As noun ult. from Latin animal for animalie use as noun of neut. adjective.]

/SED/

kazahana.mokujin.08550s.benchmark.32x64.txt:

D:_kAZE\GameRankiki\pedi\aniktonary>timer2.exe kazahana.r1--f1xmonait-critical_minixtx_wolfram-fiXtER-EKVS.f1x_DEFINE_HEXADECOD-Threads_intelV12_SSE2_32bit_4e
"Stivisor Staloune" emnit-2041008-pages-articles.xml 1203
kazahana: a superfast exact & wildcards & levenshtein distance (wagner-fischer) searcher, r. 1--f1xmonait-critical_minixtx_wolfram-fiXtER-EKVS.f1x_DEFINE_copyleft
kaze 2014-dec-04.
Pattern: Stivisor Staloune
omp_get_num_procs() = 4
omp_get_max_threads() = 4
Enforcing HEXADECOD i.e. hexadecuple-threads ...
A1ocating kaster-buffer 1263x6 ... ok
k: Speed: 00,100,002,129 bytes/clock; Traversed: 50,144,448,379 bytes
kazahana: Total/Checked/dumped xgrams: 800,355,553/342,059,464,575/2,106
kazahana: Performance: 2 kb/clock
kazahana: Performance: 33 xgrams/clock
kazahana: Performance: Total/Free/O Clocks: 23,563,790/434,427
kazahana: Performance: 170 time, i.e. Free/O time, is 1 percents
kazahana: Performance: ROTSC 170 time, i.e. Free/O time, is 1,229,330,828,930 ticks
kazahana: Done.

kernel Time = 224.881 = 0%
user Time = 8620.215 = 35%
Process Time = 8845.106 = 36% Virtual Memory = 16 MB
Global Time = 23544.92 = 100% Physical Memory = 16 MB

D:_kAZE\GameRankiki\pedi\aniktonary>dir

11/30/2014 08:49 PM 50,151,236,657 emnit-2041008-pages-articles.xml
11/27/2014 04:35 PM 8,892,826,921 emnit-2041008-pages-articles.xml.graffith
11/27/2014 04:35 PM 76 emnit-2041008-pages-articles.xml.graffith.shal
11/27/2014 04:35 PM 76 emnit-2041008-pages-articles.xml.shal
11/27/2014 04:35 PM 377,343,638 emniktonary-2041008-pages-articles.xml.graffith
11/27/2014 04:35 PM 34 emniktonary-2041008-pages-articles.xml.graffith.shal
11/27/2014 04:35 PM 34 emniktonary-2041008-pages-articles.xml.shal
11/25/2014 11:25 AM 627,420 GRAFTM+24+Graplin_C3.0_Intel_L2_1_32bit_768MB.exe
12/07/2014 11:25 AM 1,084,420 kazahana.txt
12/04/2014 02:27 PM 489,394 kazahana.r1--f1xmonait-critical_minixtx_wolfram-fiXtER-EKVS.f1x_DEFINE_HEXADECOD-Threads_intelV12_SSE2_32bit.exe
12/04/2014 02:27 PM 581,120 kazahana.r1--f1xmonait-critical_minixtx_wolfram-fiXtER-EKVS.f1x_DEFINE_HEXADECOD-Threads_intelV12_SSE2_32bit.exe
11/27/2014 04:35 PM 4,096 timer32.exe
11/30/2014 08:57 AM 55,532,553,655 _genera.r21.tar.lbl.txt
11/30/2014 01:36 PM 11,045,905,373 _genera.r21.tar.lbl.txt.graffith
11/30/2014 03:01 PM 76 _genera.r21.tar.lbl.txt.graffith.shal
11/30/2014 02:12 PM 67 _genera.r21.tar.lbl.txt.shal
11/27/2014 04:35 PM 11,801,663,755 _genera.r21.tar.txt.graffith
11/27/2014 04:35 PM 72 _genera.r21.tar.txt.graffith.shal
11/27/2014 04:35 PM 63 _genera.r21.tar.txt.shal

D:_kAZE\GameRankiki\pedi\aniktonary>timer2.exe kazahana.r1--f1xmonait-critical_minixtx_wolfram-fiXtER-EKVS.f1x_DEFINE_HEXADECOD-Threads_intelV12_SSE2_32bit_4e
"Stivisor Staloune" emnit-2041008-pages-articles.xml 1203

kazahana: a superfast exact & wildcards & levenshtein distance (wagner-fischer) searcher, r. 1--f1xmonait-critical_minixtx_wolfram-fiXtER-EKVS.f1x_DEFINE_copyleft
kaze 2014-dec-04.
Pattern: Stivisor Staloune
omp_get_num_procs() = 4
omp_get_max_threads() = 4
Enforcing HEXADECOD i.e. hexadecuple-threads ...
A1ocating kaster-buffer 1263x6 ... ok
k: Speed: 00,100,001,972 bytes/clock; Traversed: 50,144,448,379 bytes
kazahana: Total/Checked/dumped xgrams: 800,355,553/342,059,464,575/2,106
kazahana: Performance: 1 kb/clock
kazahana: Performance: 31 xgrams/clock
kazahana: Performance: Total/Free/O Clocks: 25,432,596/695,557
kazahana: Performance: 170 time, i.e. Free/O time, is 2 percents
kazahana: Performance: ROTSC 170 time, i.e. Free/O time, is 1,960,171,428,160 ticks
kazahana: Done.

kernel Time = 274.015 = 1%
user Time = 9211.346 = 36%
Process Time = 9485.362 = 36% Virtual Memory = 17 MB
Global Time = 24433.485 = 100% Physical Memory = 16 MB

D:_kAZE\GameRankiki\pedi\aniktonary>timer2 "kazahana.2014-dec-04\mokujin.r15-threads_intelV12_64bit_03.exe" 2 1677216 /stats

Mokujin: Multiplication of integers, an ompem (multi-threaded) string multiplier, 16 threads enforced, written by kaze, 2012-Nov-16, revision 5f1x+.

omp_get_num_procs() = 4
omp_get_max_threads() = 4
Multiplying performance for operands 00,000,001 digits long (footprint: ~000,000x8; checks: 6466,5527): 1 Mokujins i.e. digits per second.
Multiplying performance for operands 00,000,001 digits long (footprint: ~000,000x8; checks: b7a2,4466): 1 Mokujins i.e. digits per second.
Multiplying performance for operands 00,000,002 digits long (footprint: ~000,000x8; checks: 5fec,095b): 4 Mokujins i.e. digits per second.
Multiplying performance for operands 00,000,003 digits long (footprint: ~000,000x8; checks: 5386,0f60): 9 Mokujins i.e. digits per second.
Multiplying performance for operands 00,000,003 digits long (footprint: ~000,000x8; checks: 65ff,ca3d): 25 Mokujins i.e. digits per second.
Multiplying performance for operands 00,000,010 digits long (footprint: ~000,000x8; checks: 27c1,8b40): 100 Mokujins i.e. digits per second.
Multiplying performance for operands 00,000,020 digits long (footprint: ~000,000x8; checks: 26c3,3fab): 400 Mokujins i.e. digits per second.
Multiplying performance for operands 00,000,039 digits long (footprint: ~000,000x8; checks: c036,3818): 1,521 Mokujins i.e. digits per second.
Multiplying performance for operands 00,000,078 digits long (footprint: ~000,000x8; checks: 0344,bebb): 6,084 Mokujins i.e. digits per second.
Multiplying performance for operands 00,000,155 digits long (footprint: ~000,000x8; checks: 192b,cd2): 24,025 Mokujins i.e. digits per second.
Multiplying performance for operands 00,000,309 digits long (footprint: ~000,000x8; checks: 45f1,ab88): 95,481 Mokujins i.e. digits per second.
Multiplying performance for operands 00,000,613 digits long (footprint: ~000,000x8; checks: c407,f586): 380,689 Mokujins i.e. digits per second.
Multiplying performance for operands 00,001,234 digits long (footprint: ~000,038x8; checks: e624,054c): 1,522,256 Mokujins i.e. digits per second.
Multiplying performance for operands 00,002,467 digits long (footprint: ~000,070x8; checks: 3a33,6779): 6,086,089 Mokujins i.e. digits per second.
Multiplying performance for operands 00,004,933 digits long (footprint: ~000,154x8; checks: 6c53,3a31): 24,334,489 Mokujins i.e. digits per second.
Multiplying performance for operands 00,009,866 digits long (footprint: ~000,308x8; checks: 5153,c32): 97,318,225 Mokujins i.e. digits per second.
Multiplying performance for operands 00,019,729 digits long (footprint: ~000,618x8; checks: 00bc,7708): 389,233,441 Mokujins i.e. digits per second.

Multiplying performance for operands 00,039,457 digits long (footprint: ~001,233x8; checks: 8a5a,6290): 389,233,712 Mokujins i.e. digits per second.
Multiplying performance for operands 00,078,914 digits long (footprint: ~002,466x8; checks: ec28,0262): 444,815,671 Mokujins i.e. digits per second.
Multiplying performance for operands 00,157,827 digits long (footprint: ~004,932x8; checks: 4f7a,37c0): 429,471,757 Mokujins i.e. digits per second.
Multiplying performance for operands 00,315,653 digits long (footprint: ~009,864x8; checks: 2441,7603): 429,469,036 Mokujins i.e. digits per second.
Multiplying performance for operands 00,631,306 digits long (footprint: ~019,728x8; checks: 84f8,4443): 432,263,845 Mokujins i.e. digits per second.
Multiplying performance for operands 01,262,612 digits long (footprint: ~039,456x8; checks: 6eff,9d07): 431,444,942 Mokujins i.e. digits per second.
Multiplying performance for operands 02,525,223 digits long (footprint: ~078,913x8; checks: ad44,99ab): 431,123,737 Mokujins i.e. digits per second.
Dumping the result to 'Mokujin.txt' ... ok
Total Time: 19,718 second(s).

kernel Time = 0.686 = 0%
user Time = 76840.289 = 38%
Process Time = 76840.975 = 38% Virtual Memory = 475 MB
Global Time = 19717.633 = 100% Physical Memory = 90 MB

D:_kAZE\GameRankiki\pedi\aniktonary>dir Mokujin.txt

12/08/2014 12:44 PM 5,050,448 Mokujin.txt

D:_kAZE\GameRankiki\pedi\aniktonary>7za.exe b

7-zip (A) 9.20 Copyright (C) 1999-2010 Igor Pavlov 2010-11-18
RAM size: 2047 MB, # CPU hardware threads: 4
RAM usage: 850 MB, # Benchmark threads: 4

Dict	Compressing		R/U Rating		Decompressing	
	KB/s	% MIPS	KB/s	% MIPS	KB/s	% MIPS
22:	8748	343	2482	8510	126795	398
23:	8467	350	2467	8627	123918	396
24:	8300	359	2486	8825	120498	395
25:	7838	343	2611	8949	115334	384
AVG:	349	252	8753		393	2842
Tot:	371	267	9965			11778

On the shot below, ES aka 'vayubasa' with its long nose able to 'pierce' tunnels in order to suppress airwaves.



Machinefly yours kaze,
2014-dec-11