

Pixels to Penguins

Aron Atkins

aron@spotstory.com

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Contest Keywords

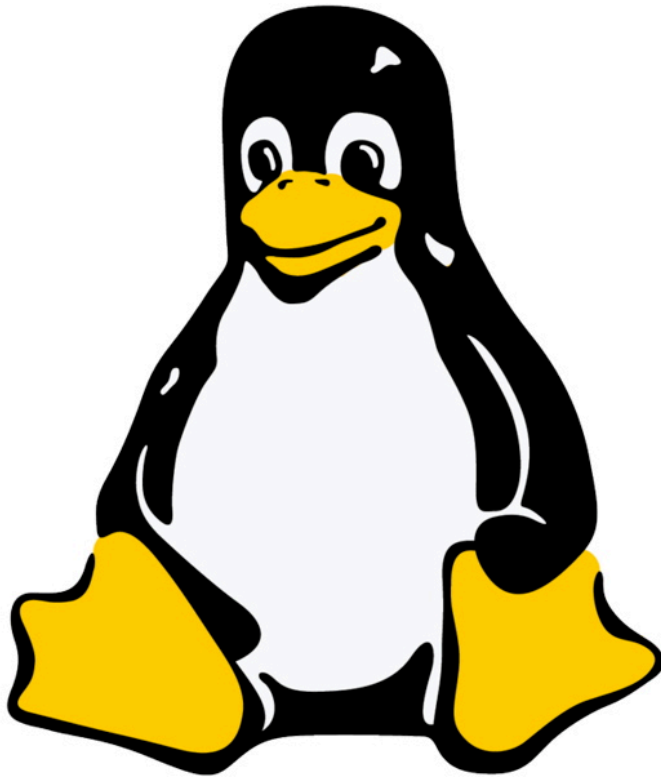
- Search/Matching
- Penguin
- MIDI
- Equilibrium
- Distributed
- List

Search / Matching

- Search/Matching
 - Search for related tags
 - Match with tagged images

Penguin

- Images mapped onto ASCII-art penguin
- <http://www.degraeve.com/img2txt.php>



```
..tDDKKKKKKGGjj..
;WN#####f
..#####DD
GG#####GG;###f
#####EE###W
;#####i
ii#####j
tt#KKjKK#####t..iWN###LL
tt#,,,,###GG ..i#####GG
ttWGGEEiW##tffWLL..#####DD
ii#GGKLLK##tDD#KK:KK###EE
ii#iKLL;;;jjf#W..WN###KK
;#DD;,,,,,iGGW#####
;#;,,,,,;WN#####:
..#LL,,,,,;jjGii#####f
..#####GGtttffGGfiijt#WtW
##WKKLLLj;fEKfE,###Lff#f
fff,##DDffGGWLL.. GG#####W..
;#LL tt#####i ..WN#####LL
KK#: iiff,, tt#####;
..#####W..
LL#GG ..#####W..
i####t ..#####GG
..W###i f#####j
DDK###i ..WN#KLL#####
;#LL#GG tt##fW#####
LLW###.. ..WN#Wj#####;
WN###GG f###t#####LL
tt#####i ;###GGD#####W
EBW###W ..#####WLL#####;
;#DD#DD #####LL#####j
EB#GG#LL ##WGG#####GG
i#####f ##DDW#####K
f###LL#f DKK;E#####W
LL###Ktti fW#BEK#####W
ijjjWDD.. ..i#####GG
i,,;WKK.. ..KLL#####W,,
iife,,tt#K, ..GG,GG#####W;;..
..KKi,,f#Wwi ..LL,;K#####;jjii
LLLLGDDj],,,DD###j ..LL,;,t;,,jff
DD,;#####LL ;DD,;#####;#;
Ww;,,j]#####.. ;KK, ..Ltt#,;fELL
DDE,;,,D#W.. tt#fE#,,,,,GG;
LGG,;,,;KK.. ..LL##tW,;,,tLL
DDE,;,,GGiLL.. ..L#####tLL
..K;,,iWii#GGLLLGKK#####KjK,;fDDt
;Ddi,##t#####GLDD,;iDDWf..
jKKWDDfE;,,t#####WKKK,;jjLL
iifGGKDDfE,;,,D#EftttiiiiittttW#j,;GG###i
;LL#WDDDKWii i#####KDDW#;
;LL#WDDDKWii i#####KDDW#;
;LL#WDDDKWii i#####KDDW#;
;LL#WDDDKWii i#####KDDW#;
```

MIDI

- <http://midilib.rubyforge.org/>
- Tags converted into integer sequences
`tags.collect { |t| t.split('').collect { |c| c[0] } }.flatten`
- Photo IDs added to this sequence
- Four tracks using variations on:
 - MIDI note
`integer % 48 # 4 octaves`
 - Duration
`integer % 3 # quarter, 8th, 16th-notes`

Equilibrium

- Images are initially not visible
- Randomly choose an image to display
 - Continue until all images are shown

Distributed (Remote)

- Local server
 - Issue flickr requests; collect & render results
 - Generate MIDI (maybe make svr?)
- Flickr
 - Serve tag & image search results
- Browser
 - JS runs to randomly reveal images

List

- Lots of lists
 - related tags
 - images
 - notes