Artful NLP: The Breakfast of Duchampions

"They're GR-R-REAT!"
Aahhh Jaysus, lads ...
Got any crisps?
Drowning in Debt

Dir: Ken Douche-Bagg

Scene XII

Guinness Brewery, Interior.
(cue solemn music)

Tom: There’s been an accident, Mary. Bill is dead.

Mary: Oh My God!! NO!!
   How did it happen?

Tom: He fell into the beer vat
   and drowned. I’m so sorry.

Mary: Oh God ... did he suffer?
   Was it a quick death?

(cut to flashback)

Hot-Tub Honeys

Dir: Marti Di Bergi

Scene XXI

Hotel Hot-tub, Interior.
(cue jazzy music)

Tom: Hey, where’s the soap?

Angie: Bob had it last ... 

Tom: Where’s Bob anyway?

Angie: Didn’t he go home?

Tom: No, actually ... He got out twice to use the toilet!
One cannot will **spontaneity** into being, but one can introduce the unpredictable spontaneous factor with a pair of **scissors**. Indeed, when you cut into the present, the future leaks out.

A bad thing to sue your own own father
Whether Mr. Mutt made the fountain or not has no importance. He **CHOSE** it.

He took an ordinary article of life, placed it so its useful *significance disappeared* under the new title and point of view - created a new thought for that object.
Real shark.
Please do not feed.

Real urinal.
Please do not use.

Real vase.
Please take.

Damien Hirst

Marcel Duchamp

Yoko Ono

Readymades in Art
You're going to need a bigger boat!

Aye

Movie Quotes as Linguistic Readymades
Art should be as beautiful as the chance meeting ...

... on a dissecting table of a sewing machine and an umbrella.
Magritte's *Les Mots et Les Images*
What would I want a **computer** for? I have a **typewriter**!

**D'OH!**
Input an adjectival property

as cold as Go

The Jigsaw Bard

Phrases in blue are computer-generated; all other phrases are automatically mined from large corpora.

Co-Occurring Properties of 'cold'
cold and slippy
cold and dreary
cold and heartless
cold and motionless
cold and miserable
cold and inorganic
cold and unsympathetic

Simple Elaborations
a wet haddock (6155)
a wet fish (6152)
a wet snow (6142)
a wet January (6118)
a wet storm (6112)
a wet cucumber (6111)
a wet mackerel (6109)
a wet snowball (6106)
a wet snowstorm (6106)
an unfeeling robot (2411)
a heartless robot (2207)
a gray January (2109)
a lifeless corpse (2031)
a lifeless robot (2006)
a bitter storm (1714)
a bitter January (1713)
a bitter snowstorm (1707)
a pale corpse (1610)
a dead fish (1514)

Complex Elaborations
a fish-eyed storm (10040)
a glacier with the eye of a fish (10040)
the belly of a fish (10032)
the wake of a storm (10032)
the wall of a cave (10032)
a snow blizzard (10029)
a snowy January (10023)
a fridge with a refrigerator freezer (10023)
a refrigerator freezer (10023)
the flesh of a fish (10022)
the fury of a storm (10020)
a bullet-riddled corpse (10019)
the eyes of a fish (10018)
the power of a storm (10018)
a robotic fish (10018)
the surface of a steel (10018)
the heart of a killer (10017)
the darkness of a cave (10016)
the wall of a fortress (10016)
@twoheadlines by Darius Kazemi uses the Cut-Up Technique developed by William Burroughs & Brion Gysin. Two texts are spliced to promote a jarring bisociation of ideas in the sense of Arthur Koestler.
@Pentametron uses the *Cut-Up Technique* for poetic purposes, to find an accidental poetry in banal tweets. Two tweets are spliced together because they each have ten syllables and end on a rhyming sound.
Colliding Worlds and Words: The Cut-Up Method At the Word-Level
-logy  study, discipline, system
-scope  display, monitor, viewer
-naut  traveller, sailor
-polis  city
-metry  measurement
-mancy  magic
-pyle  opening, gap, vent
-nym  name
-trope  seeker, follower
-glyph  marking, symbol, icon, rune

chrono-

chro-

psych-

geo-

cryo-

hydro-

helio-

phono-
<table>
<thead>
<tr>
<th>Plutonaut</th>
<th>Glossonaut</th>
<th>Mnemonaut</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heteronaut</td>
<td>Logiconaut</td>
<td>Psychenaut</td>
</tr>
<tr>
<td>Disconaut</td>
<td>Lunanaut</td>
<td>Cinenaut</td>
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<tr>
<td>Cynonaut</td>
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<td>Econaut</td>
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<td>ONEIRONAUT</td>
<td>Neonaut</td>
<td>Noxinaut</td>
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<tr>
<td>Protonaut</td>
<td>Mononaut</td>
<td>Oleonaut</td>
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<td>Phytonaut</td>
<td>Typonaut</td>
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<td>Thermonaut</td>
<td>Tectonaut</td>
<td>Floranaut</td>
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<td>Anglonaut</td>
<td>Temponaut</td>
<td>Dystonaut</td>
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<tr>
<td>Phraseonaut</td>
<td>ROBONAUT</td>
<td>Spironaut</td>
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<tr>
<td>Visionaut</td>
<td>Petronaut</td>
<td>Lithonaut</td>
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<td>Tachonaut</td>
<td>Sphereonaut</td>
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<td>Dermanaut</td>
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<td>Leptonaut</td>
<td>MICRONAUT</td>
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<td>Acronaut</td>
<td>ASTRONAUT</td>
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<td>Radionaut</td>
<td>Horonaut</td>
<td>Teleonaut</td>
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<tr>
<td>Hibernonaut</td>
<td>Nanonaut</td>
<td>AQUANAUT</td>
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<tr>
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<td>HYDRONAUT</td>
<td>Chemonaunt</td>
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<td>Oenonaut</td>
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<td>Patronaut</td>
<td>Logonaut</td>
<td>Dipsonaut</td>
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<tr>
<td>Maginaut</td>
<td></td>
<td>COSMONAUT</td>
</tr>
</tbody>
</table>

- “money traveller”
- “diverse traveller”
- “disk explorer”
- “dog traveller”
- “dream explorer”
- “first traveller”
- “electronic traveller”
- “energy explorer”
- “English explorer”
- “expression explorer”
- “picture explorer”
- “fast traveller”
- “powerful traveller”
- “food explorer”
- “girl traveller”
- “hand explorer”
- “time traveller”
- “ice explorer”
- “radio explorer”
- “winter traveller”
- “lake explorer”
- “language traveller”
- “male traveller”
- “master traveller”
- “message explorer”
- “science traveller”
- “moon traveller”
- “sound explorer”
- “new traveller”
- “number explorer”
- “single traveller”
- “plant explorer”
- “structure explorer”
- “time explorer”
- “robotic explorer”
- “rock explorer”
- “world traveller”
- “sex traveller”
- “shell explorer”
- “sky explorer”
- “skyr traveller”
- “tiny traveller”
- “tall traveller”
- “time traveller”
- “tiny explorer”
- “water explorer”
- “wine explorer”
- “word explorer”
- “memory explorer”
- “soul explorer”
- “movie explorer”
- “nature explorer”
- “night traveller”
- “oil explorer”
- “print explorer”
- “plant explorer”
- “poor traveller”
- “ring explorer”
- “rock explorer”
- “romantic traveller”
- “science explorer”
- “sex explorer”
- “skin explorer”
- “tiny explorer”
- “space explorer”
- “task explorer”
- “water explorer”
- “chemical explorer”
- “weather explorer”
- “wine traveller”
- “wine traveller”
- “universe explorer”
Having you been swilling Spanish **plonk** again?
**Convergent Thinking**

A reliance of *right vs. wrong* thinking.

A promotion of norms, standards & proven methods.

Convergence toward a single viewpoint and a consensus answer.

---

**Divergent Thinking**

A rejection of *right vs. wrong* thinking.

**Divergence** promotes diverse answers, along different dimensions of validity.

**Cut-ups** promote unusual combinations, multiple viewpoints, the *view askew*. 
A guy in my position gets called a **lot** of mean names ...

**But**

"The Dick Cheney of the Dark Side" really hurts!
Riesling is the Kenny G of the wine world: technically brilliant, but oh-so-lacking in credibility!
A Web Corpus of figurative X is the Y of Z Constructions

David Cameron is the Tony Blair of the conservative party
Michael Jordan is the Tony Hawk of the basketball world
Milton Caniff is the Rembrandt of the comics
Scipio Africanus is the Tommy Franks of the Roman legions
Peter Brett is the Tolstoy of the F train
Daniel Melingo is the Tom Waits of the contemporary tango
Shahruhk Khan is the Tom Cruise of the Bollywood Industry
Edward Abbey is the Thoreau of the desert
June Wanniski is the Thomas Paine of the Reagan revolution
Bill Gates is the Thomas Edison of the tech industry
Paris Hilton is the Zsa Zsa Gabor of the 21st Century

... (and 2179 more)
An Inventory of Vivid Topics: Used to build Creative Comparisons

These popular topics have salient properties and are convenient role models.
### Top 10 Most Frequent Topic Domains

<table>
<thead>
<tr>
<th>Domain</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>21st Century</td>
<td>66</td>
</tr>
<tr>
<td>NFL (football)</td>
<td>35</td>
</tr>
<tr>
<td>Republican Party</td>
<td>25</td>
</tr>
<tr>
<td>NBA (basketball)</td>
<td>24</td>
</tr>
<tr>
<td>Left (politics)</td>
<td>22</td>
</tr>
<tr>
<td>Internet</td>
<td>20</td>
</tr>
<tr>
<td>Philippines</td>
<td>19</td>
</tr>
<tr>
<td>Democratic Party</td>
<td>18</td>
</tr>
<tr>
<td>Music</td>
<td>15</td>
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<tr>
<td>South</td>
<td>14</td>
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</table>

### Next 10 Most Frequent

<table>
<thead>
<tr>
<th>Domain</th>
<th>Frequency</th>
</tr>
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<tbody>
<tr>
<td>New Millennium</td>
<td>13</td>
</tr>
<tr>
<td>East</td>
<td>13</td>
</tr>
<tr>
<td>Right</td>
<td>13</td>
</tr>
<tr>
<td>NHL (hockey)</td>
<td>12</td>
</tr>
<tr>
<td>North</td>
<td>11</td>
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<tr>
<td>Gaming</td>
<td>11</td>
</tr>
<tr>
<td>20th Century</td>
<td>10</td>
</tr>
<tr>
<td>Art</td>
<td>9</td>
</tr>
<tr>
<td>West</td>
<td>9</td>
</tr>
<tr>
<td>GOP (politics)</td>
<td>9</td>
</tr>
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</table>

**3%**
Distribution of Source Types (Y’s) in

<table>
<thead>
<tr>
<th>Type</th>
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<tbody>
<tr>
<td>Politics</td>
<td>18%</td>
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<td>18%</td>
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<tr>
<td>Music</td>
<td>12%</td>
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<td>Art</td>
<td>11%</td>
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<tr>
<td>Business</td>
<td>6%</td>
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<tr>
<td>Drama</td>
<td>4%</td>
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<td>Science</td>
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<tr>
<td>Culture</td>
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<td>Crime</td>
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Distribution of Targets (X’s)

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Distribution of Source Types (Y's) in XYZs

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<td>Culture</td>
<td>3%</td>
</tr>
<tr>
<td>Crime</td>
<td>1%</td>
</tr>
<tr>
<td>Other</td>
<td>7%</td>
</tr>
</tbody>
</table>

Distribution of Targets when Y is in political
Note the dominance of the *diagonal*: most XYZs are within-domain comparisons.
Conservation of Gender $X \rightarrow Y$

Conservation of Reality $X \rightarrow Y$

Temporal Order $X \leftrightarrow Y$
Some Examples of: Creative Non-Conservativity in XYZs

Alfa Romeo is the Quentin Tarantino of the automotive world
Chicken Inasal is the Oprah Winfrey of the menu
Pac Man is the King Lear of the 1980’s videogame revolution
Samsung DLPs are the Lindsay Lohan of the television market
The Razr is the Kate Moss of phones
The Borgata is the Julia Roberts of casinos
Bradley’s Battleship is the John Travolta of board games
Krug is the Dorian Gray of the wine world
Red meat is the Donald Trump of cancer
The K750i is the Chuck Norris of the photography world
The tuna sandwich is the Michael Jordan of the mid-day meal
The potato is the Tom Hanks of the vegetable world
The historical impetus for Computational Creativity
Web Comics That Transform Our Understanding of Computers and Creativity