

Architecture of the Triposo travel guide

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The Company

Founded by Ex Googlers



In Sydney



A high-angle, wide shot of the Golden Gate Bridge in San Francisco. The bridge's iconic orange-red towers and suspension cables are prominent. The bridge spans a deep blue body of water, with the San Francisco city skyline visible in the background under a clear sky. A semi-transparent dark grey banner is overlaid across the middle of the image, containing the text "Financed in California" in white.

Financed in California

Headquartered in Berlin



Distributed Team



Quarterly Jamborees



Last one on a bus in Spain



Algorithms are King



No Human Editing in our Guides

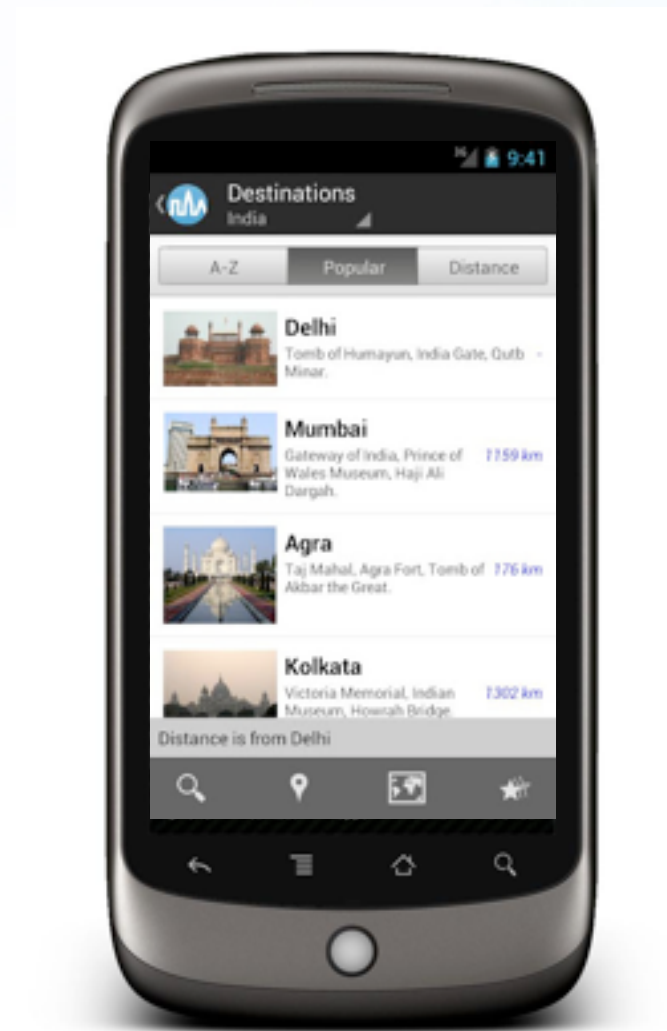


The Product

The background image is a landscape photograph of a winding dirt road in a rural area, likely Tuscany. Three tall, slender cypress trees are prominent, standing on either side of the road. The hills are covered in dry, golden-brown grass, and the sky is filled with soft, white clouds. The overall mood is peaceful and scenic.

Our Mission:

Build the best travel guide



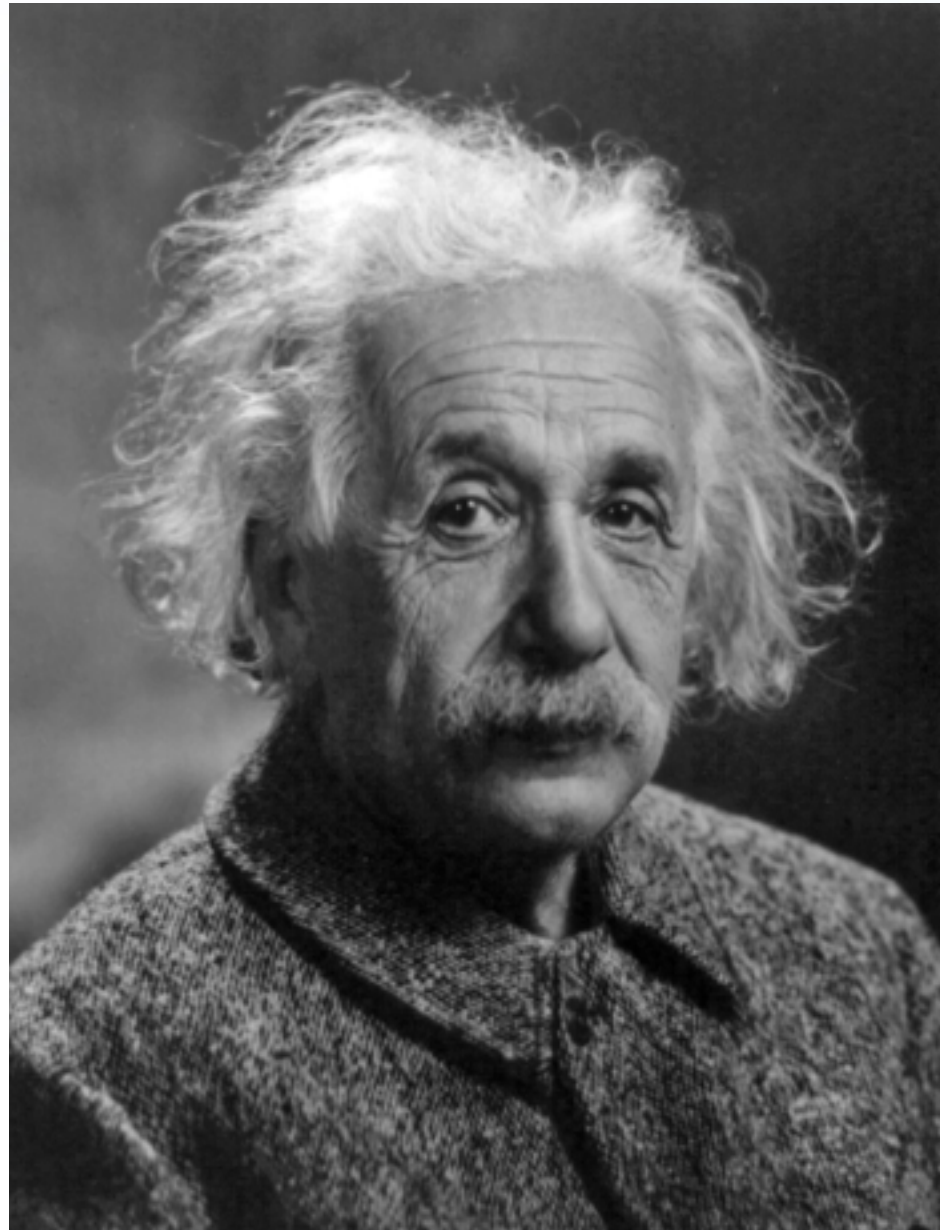
Mobile



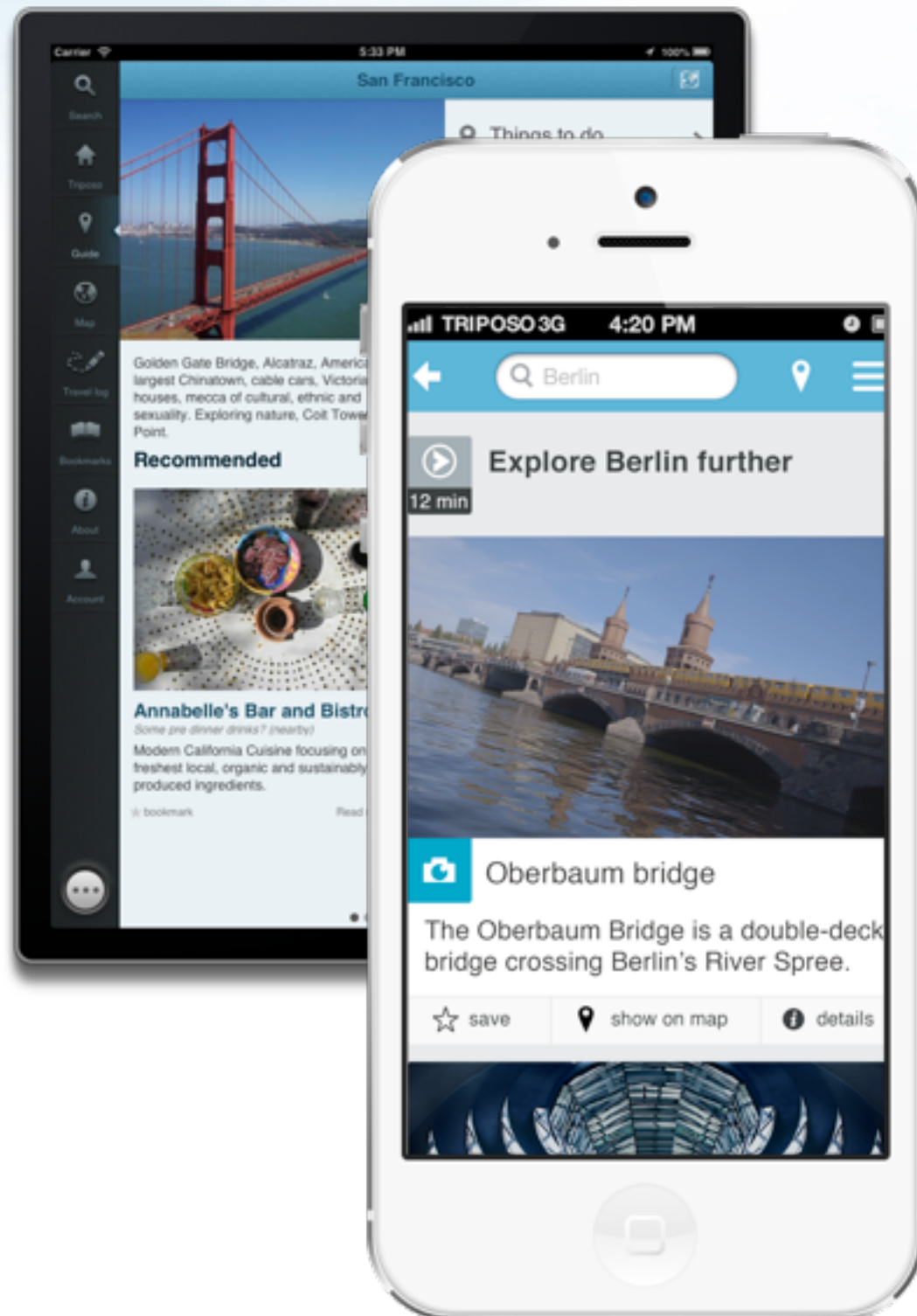
Works offline



Covers the World



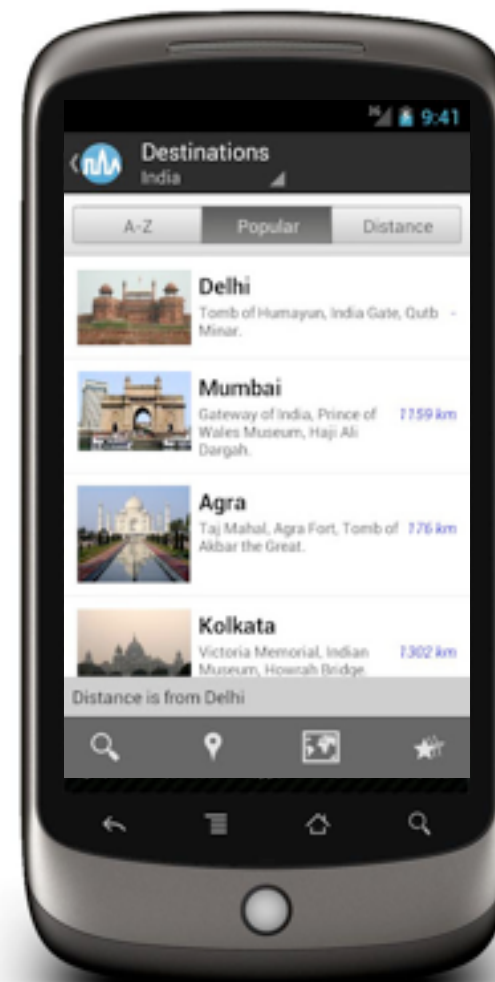
Smart



25,000 destinations
around the world

500,000
points of interest

~5,000,000
downloads



The Platform



Big data

Companies with Big data

amazon.com[®]

The Amazon logo, featuring the word "amazon.com" in a bold, black, sans-serif font, with a registered trademark symbol (®) to the upper right. Below the text is a curved orange arrow pointing from the 'a' to the 'z'.

Walmart

The Walmart logo, consisting of the word "Walmart" in a bold, blue, sans-serif font, followed by a yellow six-pointed starburst icon with a registered trademark symbol (®) to its upper right.

Google

facebook[®]



Do you have big data?



A photograph of a living room interior. A grey sofa is visible, with a red cushion resting on it. To the right of the sofa is a round table with a blue and yellow mosaic top. On the floor next to the table is a black rectangular device with a white logo. The background shows a white wall and a wooden floor.

We didn't.

Nice, but pricey



amazon
web services™



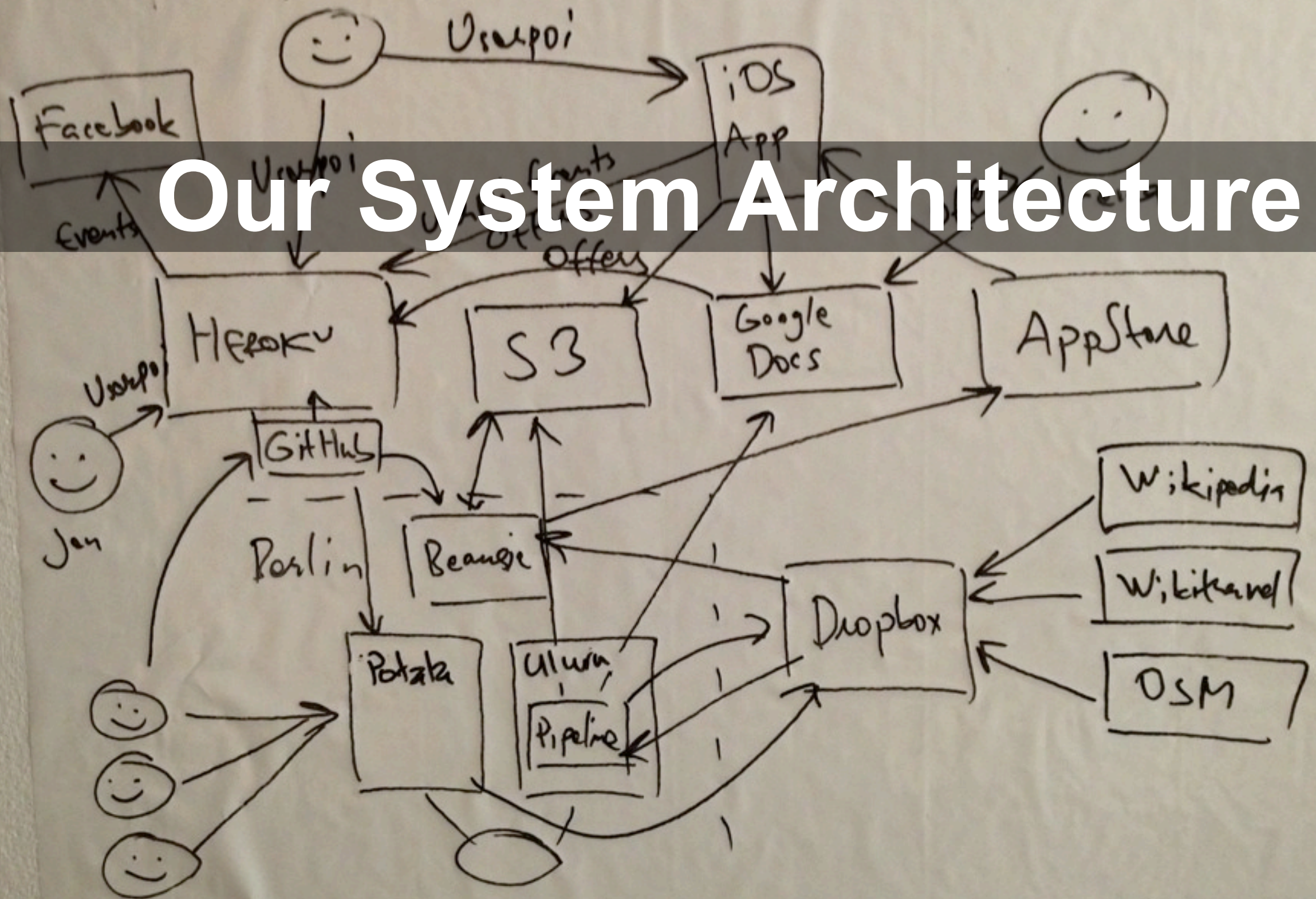
Our current server room



Coders are more expensive than
Python code is slow

The Triposo System

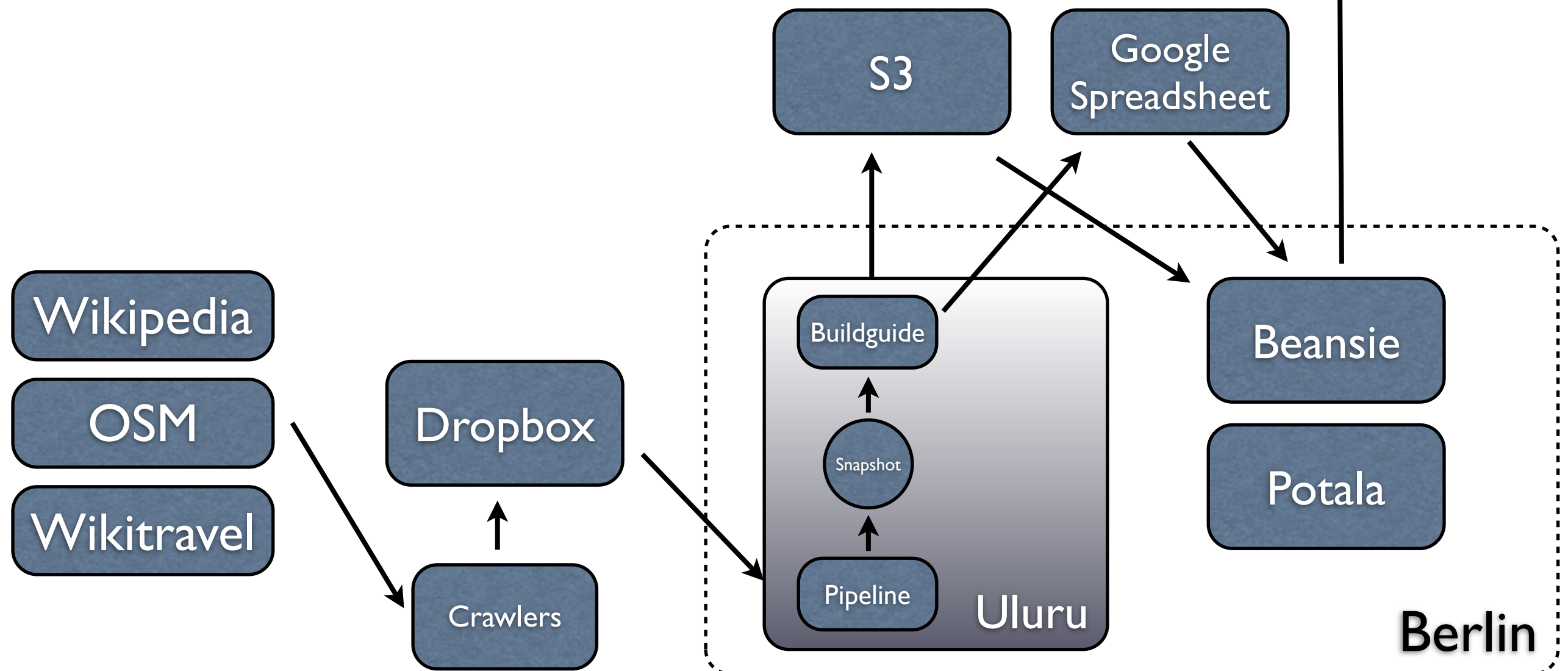
Our System Architecture



Building A database of the world



The Flow



A swimmer is captured in the middle of a freestyle stroke in a swimming pool. The swimmer's head is down, and their right arm is extended forward, cutting through the water. Their left arm is bent, with the hand near their head. The water is a vibrant blue, and there is a significant splash of white water around the swimmer's head and arms. A dark horizontal band is superimposed across the middle of the image, containing the title text.

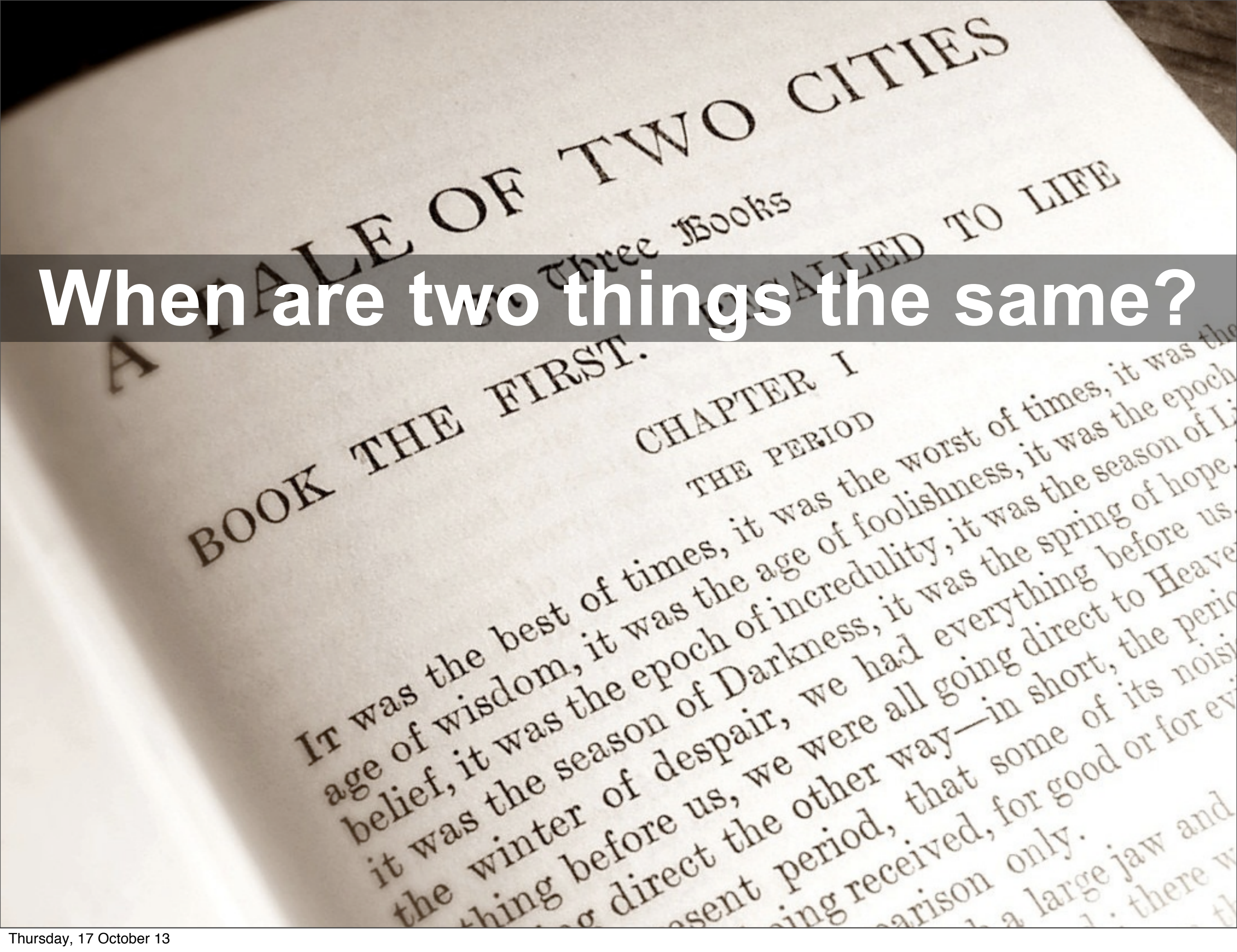
Crawl 20 Sources

Split everything in Pois & Locs



A blue puzzle globe is the central focus, composed of interlocking puzzle pieces. In the foreground, several individual puzzle pieces are scattered on a light blue surface. The background is a solid light blue color.

Put every thing back together



When are two things the same?

A TALE OF TWO CITIES
Three Books
BOOK THE FIRST.
CHAPTER I
THE PERIOD
It was the best of times, it was the worst of times, it was the
age of wisdom, it was the age of foolishness, it was the epoch
of belief, it was the epoch of incredulity, it was the season of Li
it was the season of Darkness, it was the spring of hope,
the winter of despair, we had everything before us,
nothing before us, we were all going direct to Heaven
or we were all going direct the other way—in short, the perio
of the present period, that some of its noisi
being received, for good or for ev
comparison only.
a large jaw and
there w

A close-up photograph of a human ear, showing the ear canal and the surrounding skin. The ear is positioned on the left side of the frame. A semi-transparent dark rectangular box is overlaid across the middle of the image, containing white text. The background is slightly blurred, showing some green and yellow tones.

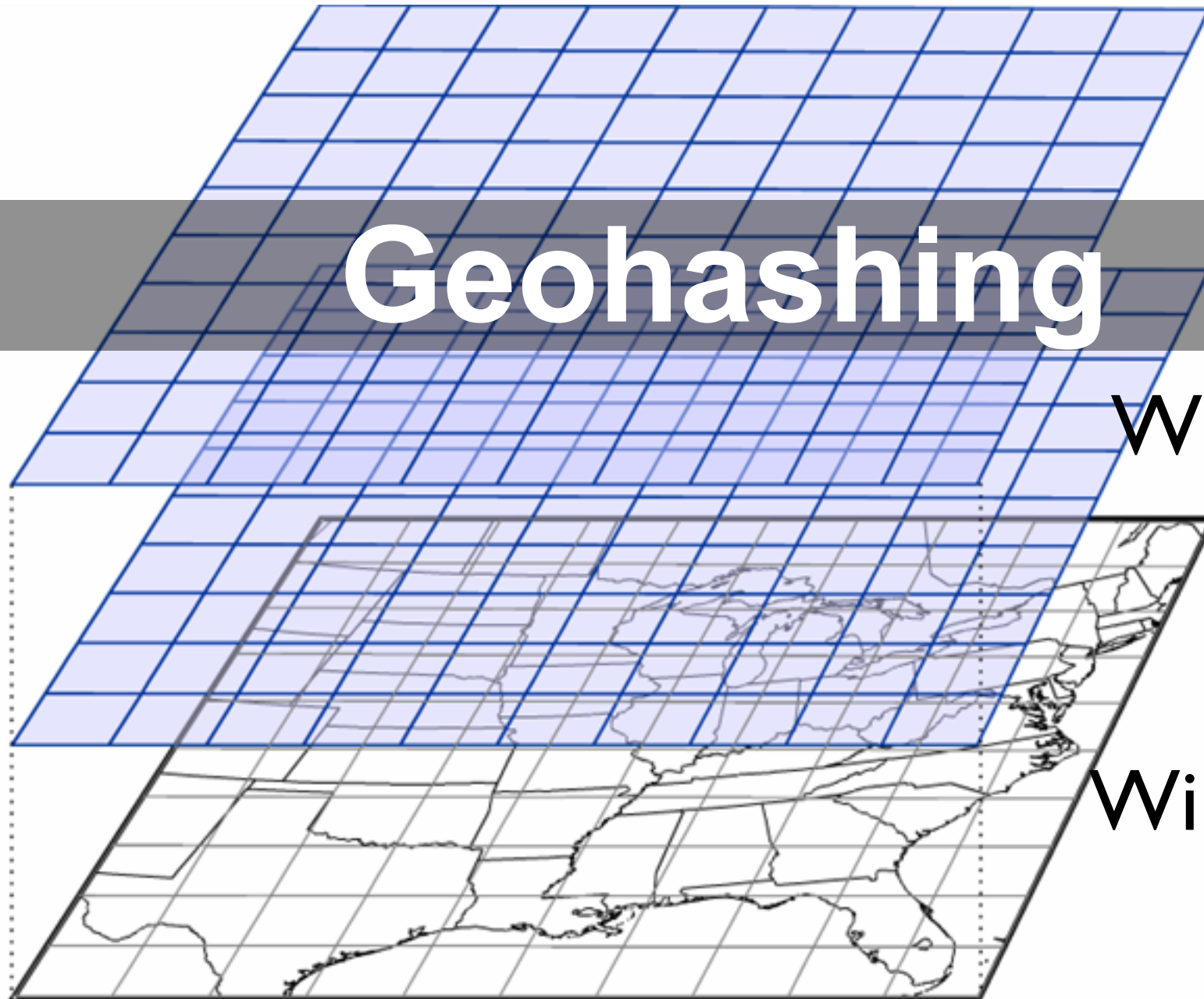
**When they are:
Similar in location and name**

Geohashing

OSM

Wikitravel

Wikipedia



A photograph of a two-story building with a blue sign that reads "TOM'S RESTAURANT" in white and red letters. The building has several windows, some with white frames. In the foreground, three people are walking on a sidewalk. One person is wearing a yellow jacket and blue jeans, another is wearing a red jacket and blue jeans, and a third person is wearing a dark jacket and light blue jeans. The text "Suroit Camping vs Camping le Suroite" is overlaid in white on a semi-transparent dark blue background.

Suroit Camping vs Camping le Suroite



Shingling!

**Suroit Camping
vs
Camping le Suroite**



ampi, camp, **itca**, mpin, **oitc**, ping, roit, suro, **tcam**, uroi

VS

ampi, camp, **esur**, **gles**, **ingl**, **lesu**, mpin, **ngle**, **oite**, ping,
roit, suro, uroi


60% Overlap



John's Bar and Grill vs Restaurant John



Stop Shingles!



Harlem Library vs Harlem City Hall



Location Stop Shingles



Van Gogh Museum vs Van Gogh Hotel

Types from names

man Sabt, the most famous artist of the
heaven of typography together with Hel-
god and Teis as it he were in the seventh
the quick plow for lumps over the last

Bocher



Cafe Sydney Opera House vs Sydney Opera House

Hmm



Home



Destinations



Bookmarks



Travel logs



About



Guess the cuisine

Side effect: Cuisine guesser

For restaurant in our travel guide, we like to know information about the cuisine they offer. Sometimes we can find this on the web, sometimes we can't. But often when we can't it is pretty obvious from the name what it is. "Mike's Burger Bar" is not an Indian Restaurant, while "Orion" is probably Thai.

So we decided to see whether we can automatically do the guessing. In normal text analysis at four grams has been rather productive to determine languages, so we applied the same technique on cuisines. For a more in depth analysis, check out [Jon's blog post](#).

Or if you are impatient, just enter a name of a restaurant below and we'll show you which cuisine we think it is. From our research it seems that for scores > 3 , there is a 98% chance of the guess being correct.

1

Italian

8.04

2

Pizza

2.31

3

American

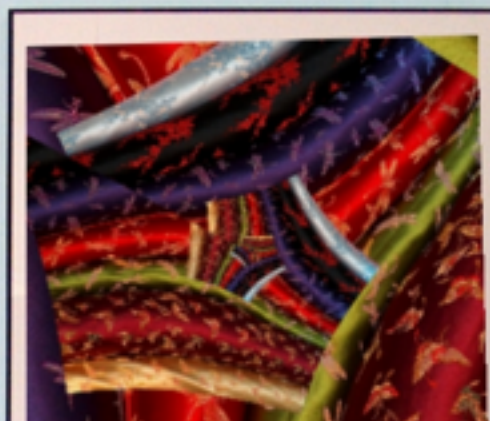
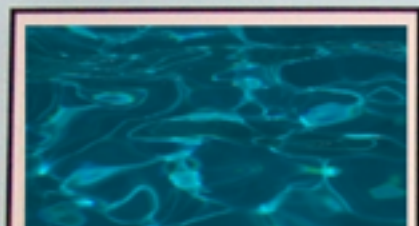
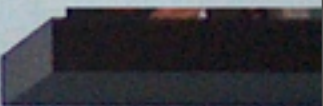
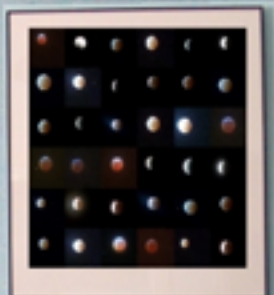
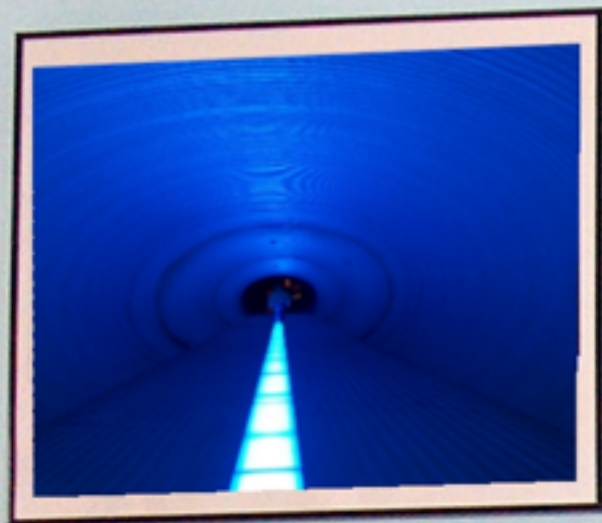
1.64

Making data useful

Some further processing...



Learning from pictures






WIKIPEDIA
The Free Encyclopedia

Main page
Contents
Featured content
Current events
Random article
Donate to Wikipedia

Interaction
Help
About Wikipedia
Community portal
Recent changes
Contact page

Toolbox
Print/export

Languages 
Afrikaans
አማርኛ
العربية
Azərbaycanca
বাংলা
Беларуская
Беларуская (тарашкевіца)
Български
བོད་ཡིག
Bosanski
Brezhoneg
★ Català
Česky
Chavacano de Zamboanga
Cymraeg
Dansk
Deutsch
Eesti

Create account  Log in

Article

Talk

Read

View source

View history

Search



Mona Lisa

From Wikipedia, the free encyclopedia

This article is about the painting. For other uses, see [Mona Lisa \(disambiguation\)](#).

The **Mona Lisa** (***La Gioconda*** or ***La Joconde***) is a half-length portrait of a woman by the Italian artist [Leonardo da Vinci](#), which has been acclaimed as "the best known, the most visited, the most written about, the most sung about, the most parodied work of art in the world."^[1]

The painting, though traditionally ascribed to [Leonardo da Vinci](#), the Italian Renaissance master, is a half-length portrait of a woman, and is believed to have been painted between 1503 and 1517, although Leonardo may have continued working on it as late as 1517. It was acquired by King Francis I of France and became the property of the French Republic, on permanent display at The Louvre museum in Paris since 1797.^[2]

The ambiguity of the subject's expression, which is frequently described as enigmatic,^[3] the monumentality of the composition, the subtle modeling of forms and the atmospheric illusionism were novel qualities that have contributed to the continuing fascination and study of the work.^[4]

Contents

- 1 Title and subject
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- 3 Aesthetics
- 4 Conservation
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 - 4.4 Display
- 5 Fame
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- 8 See also
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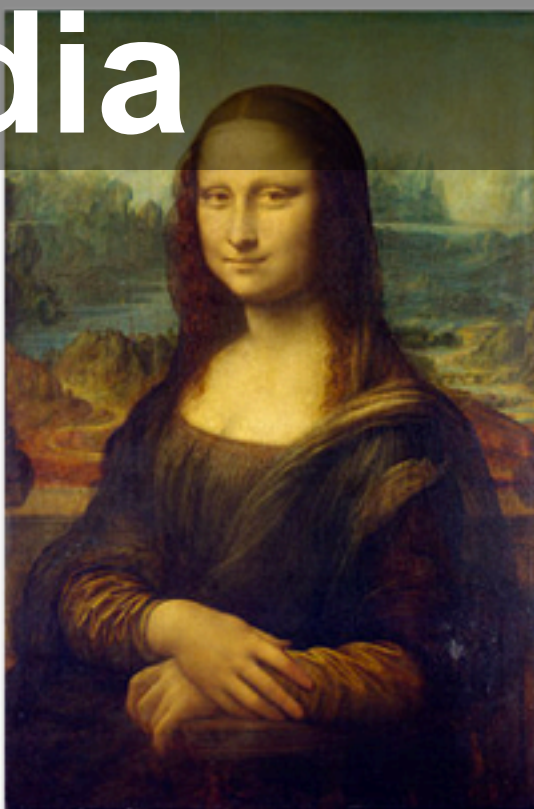
Title and subject

Main article: [Lisa del Giocondo](#)

The title of the painting that is known in English as **Mona Lisa** stems from a description by Renaissance art historian [Giorgio Vasari](#), who wrote "Leonardo undertook to paint, for Francesco del Giocondo, the portrait of Mona Lisa, his wife."^{[5][6]} *Mona* in Italian is a polite form of address originating as *ma donna* —similar to *Ma'am*, *Madam*, or *my lady* in English. This became *madonna*, and its contraction *mona*. The title of the painting, though traditionally spelled "Mona" (as used by Vasari^[5]), is also commonly spelled in modern Italian as *Monna Lisa*, but this is rare in English.

Mona Lisa

Italian: *La Gioconda*, French: *La Joconde*



| | |
|------------|--|
| Artist | Leonardo da Vinci |
| Year | c. 1503–1506, perhaps continuing until c. 1517 |
| Type | Oil on poplar |
| Dimensions | 77 cm × 53 cm (30 in × 21 in) |
| Location | Musée du Louvre, Paris |



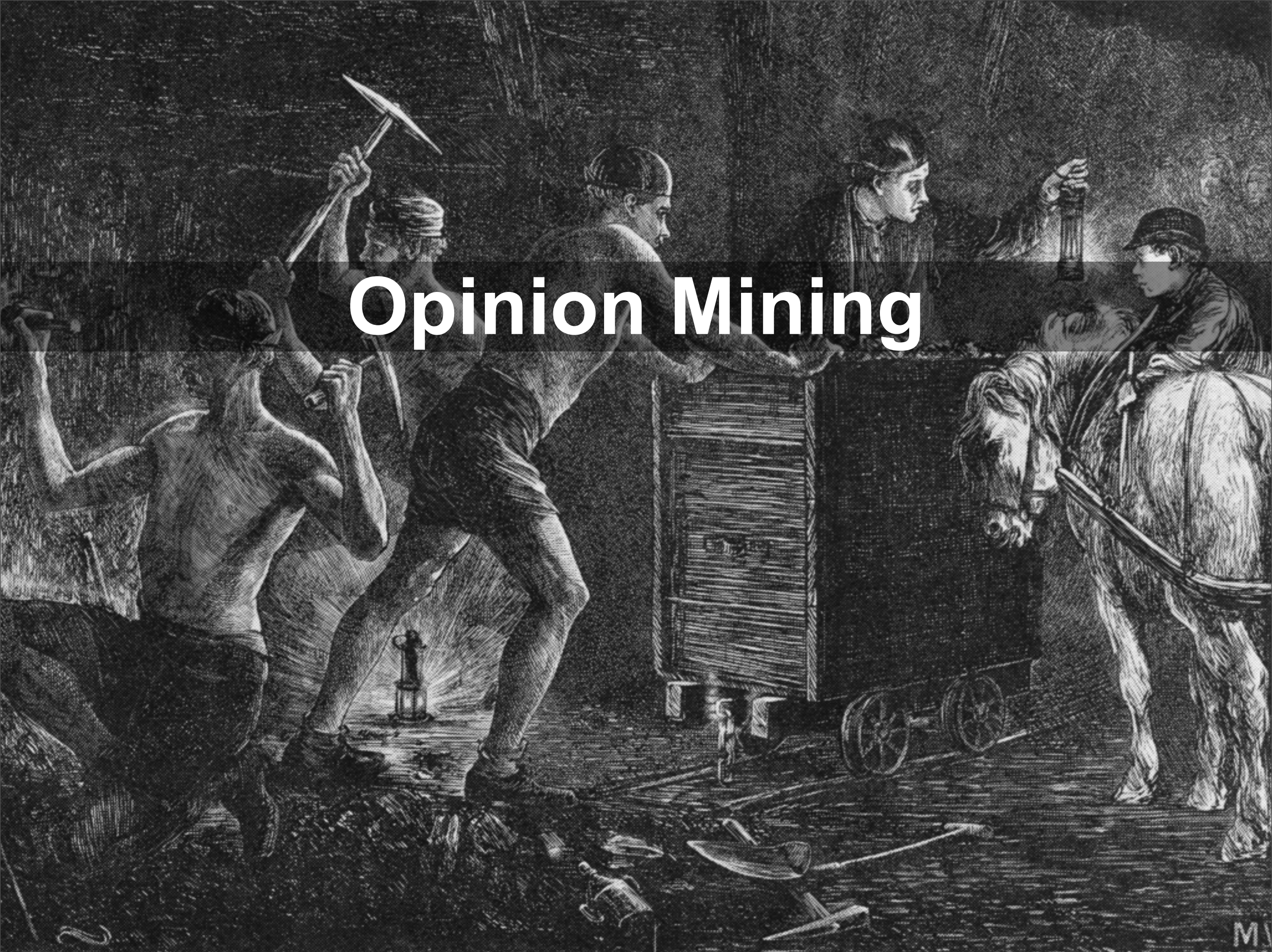
Wikipedia article distribution

Learning from ratings?

A close-up photograph of a white ceramic bowl filled with a vibrant, reddish-orange Thai Tom Yum soup. The soup is garnished with fresh green cilantro leaves. Visible ingredients include succulent shrimp, sliced carrots, and a small floret of broccoli. The background is softly blurred, showing a wooden table and another bowl, creating a warm, inviting atmosphere.

No Soup for you

Opinion Mining



Natural Language Processing


```

patterns(patterns):
for pattern in patterns] if

precompile_patterns([r'^best\b', r'\bthe best\b', r'
r'=(to die for|a must)\b', r'\b(perfect[oa]|delic
r'\byumm+y\b', r'\byum+!', r'\bmm+!', r'\bsuperb[
r'\ble[ck]t\b', r'\b(awesome|excellent|awesome)
r'^(\bmust\b)?(eat|drink|try|order
r'(\b(love|enjoy|d?) (a|the|some|)\s?THEME', r'^
r'^(a\s)?(safe|fine)\s(choice\s)?for THEME'])
precompile_patterns([r'^avoid[!\. $]', r'^the worst\b
r'\b(rude|rudest|sucks|shitty|shittiest|crappy|cra
precompile_patterns([r'\b(not?|keine?|without|ohne|se

ON = re.compile(r'\Bn\t\b')
AWESOME = re.compile(r'\b(perfe[ck]t|excellent|awesom
e(r'\b(is|was|were|are|ha[svd]e?\sbeen)\b'))
G = re.compile(r'\b(really|truly|definitely|very|total
ARTER = re.compile(r'^([au]nd|\+|also)\s*')
re.compile(r'([ \t ]*\b(1|2|3|4|5|6|7|8|9|10|11|12|13|14|15|16|17|18|19|20|21|22|23|24|25|26|27|28|29|30|31|32|33|34|35|36|37|38|39|40|41|42|43|44|45|46|47|48|49|50|51|52|53|54|55|56|57|58|59|60|61|62|63|64|65|66|67|68|69|70|71|72|73|74|75|76|77|78|79|80|81|82|83|84|85|86|87|88|89|90|91|92|93|94|95|96|97|98|99|100|101|102|103|104|105|106|107|108|109|110|111|112|113|114|115|116|117|118|119|120|121|122|123|124|125|126|127|128|129|130|131|132|133|134|135|136|137|138|139|140|141|142|143|144|145|146|147|148|149|150|151|152|153|154|155|156|157|158|159|160|161|162|163|164|165|166|167|168|169|170|171|172|173|174|175|176|177|178|179|180|181|182|183|184|185|186|187|188|189|190|191|192|193|194|195|196|197|198|199|200|201|202|203|204|205|206|207|208|209|210|211|212|213|214|215|216|217|218|219|220|221|222|223|224|225|226|227|228|229|230|231|232|233|234|235|236|237|238|239|240|241|242|243|244|245|246|247|248|249|250|251|252|253|254|255|256|257|258|259|260|261|262|263|264|265|266|267|268|269|270|271|272|273|274|275|276|277|278|279|280|281|282|283|284|285|286|287|288|289|290|291|292|293|294|295|296|297|298|299|300|301|302|303|304|305|306|307|308|309|310|311|312|313|314|315|316|317|318|319|320|321|322|323|324|325|326|327|328|329|330|331|332|333|334|335|336|337|338|339|340|341|342|343|344|345|346|347|348|349|350|351|352|353|354|355|356|357|358|359|360|361|362|363|364|365|366|367|368|369|370|371|372|373|374|375|376|377|378|379|380|381|382|383|384|385|386|387|388|389|390|391|392|393|394|395|396|397|398|399|400|401|402|403|404|405|406|407|408|409|410|411|412|413|414|415|416|417|418|419|420|421|422|423|424|425|426|427|428|429|430|431|432|433|434|435|436|437|438|439|440|441|442|443|444|445|446|447|448|449|450|451|452|453|454|455|456|457|458|459|460|461|462|463|464|465|466|467|468|469|470|471|472|473|474|475|476|477|478|479|480|481|482|483|484|485|486|487|488|489|490|491|492|493|494|495|496|497|498|499|500|501|502|503|504|505|506|507|508|509|510|511|512|513|514|515|516|517|518|519|520|521|522|523|524|525|526|527|528|529|530|531|532|533|534|535|536|537|538|539|540|541|542|543|544|545|546|547|548|549|550|551|552|553|554|555|556|557|558|559|560|561|562|563|564|565|566|567|568|569|570|571|572|573|574|575|576|577|578|579|580|581|582|583|584|585|586|587|588|589|590|591|592|593|594|595|596|597|598|599|600|601|602|603|604|605|606|607|608|609|610|611|612|613|614|615|616|617|618|619|620|621|622|623|624|625|626|627|628|629|630|631|632|633|634|635|636|637|638|639|640|641|642|643|644|645|646|647|648|649|650|651|652|653|654|655|656|657|658|659|660|661|662|663|664|665|666|667|668|669|670|671|672|673|674|675|676|677|678|679|680|681|682|683|684|685|686|687|688|689|690|691|692|693|694|695|696|697|698|699|700|701|702|703|704|705|706|707|708|709|710|711|712|713|714|715|716|717|718|719|720|721|722|723|724|725|726|727|728|729|730|731|732|733|734|735|736|737|738|739|740|741|742|743|744|745|746|747|748|749|750|751|752|753|754|755|756|757|758|759|760|761|762|763|764|765|766|767|768|769|770|771|772|773|774|775|776|777|778|779|780|781|782|783|784|785|786|787|788|789|790|791|792|793|794|795|796|797|798|799|800|801|802|803|804|805|806|807|808|809|810|811|812|813|814|815|816|817|818|819|820|821|822|823|824|825|826|827|828|829|830|831|832|833|834|835|836|837|838|839|840|841|842|843|844|845|846|847|848|849|850|851|852|853|854|855|856|857|858|859|860|861|862|863|864|865|866|867|868|869|870|871|872|873|874|875|876|877|878|879|880|881|882|883|884|885|886|887|888|889|890|891|892|893|894|895|896|897|898|899|900|901|902|903|904|905|906|907|908|909|910|911|912|913|914|915|916|917|918|919|920|921|922|923|924|925|926|927|928|929|930|931|932|933|934|935|936|937|938|939|940|941|942|943|944|945|946|947|948|949|950|951|952|953|954|955|956|957|958|959|960|961|962|963|964|965|966|967|968|969|970|971|972|973|974|975|976|977|978|979|980|981|982|983|984|985|986|987|988|989|990|991|992|993|994|995|996|997|998|999|1000|1001|1002|1003|1004|1005|1006|1007|1008|1009|1010|1011|1012|1013|1014|1015|1016|1017|1018|1019|1020|1021|1022|1023|1024|1025|1026|1027|1028|1029|1030|1031|1032|1033|1034|1035|1036|1037|1038|1039|1040|1041|1042|1043|1044|1045|1046|1047|1048|1049|1050|1051|1052|1053|1054|1055|1056|1057|1058|1059|1060|1061|1062|1063|1064|1065|1066|1067|1068|1069|1070|1071|1072|1073|1074|1075|1076|1077|1078|1079|1080|1081|1082|1083|1084|1085|1086|1087|1088|1089|1090|1091|1092|1093|1094|1095|1096|1097|1098|1099|1100|1101|1102|1103|1104|1105|1106|1107|1108|1109|1110|1111|1112|1113|1114|1115|1116|1117|1118|1119|1120|1121|1122|1123|1124|1125|1126|1127|1128|1129|1130|1131|1132|1133|1134|1135|1136|1137|1138|1139|1140|1141|1142|1143|1144|1145|1146|1147|1148|1149|1150|1151|1152|1153|1154|1155|1156|1157|1158|1159|1160|1161|1162|1163|1164|1165|1166|1167|1168|1169|1170|1171|1172|1173|1174|1175|1176|1177|1178|1179|1180|1181|1182|1183|1184|1185|1186|1187|1188|1189|1190|1191|1192|1193|1194|1195|1196|1197|1198|1199|1200|1201|1202|1203|1204|1205|1206|1207|1208|1209|1210|1211|1212|1213|1214|1215|1216|1217|1218|1219|1220|12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Further experiments

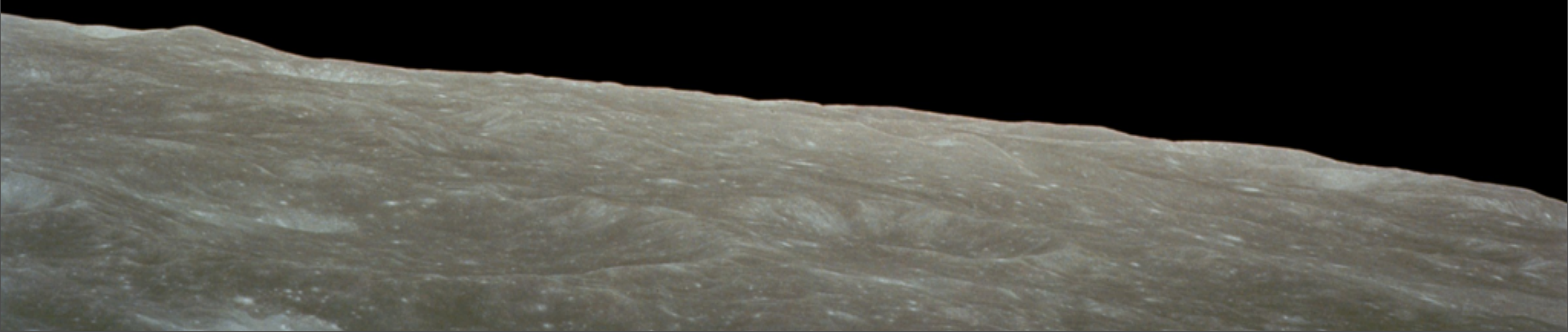
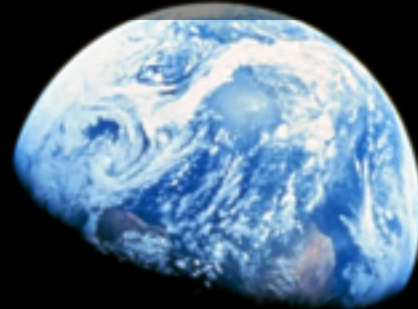


<http://labs.triposo.com>

Can I suggest something?

**YOU ARE
HERE**

Your location





Time



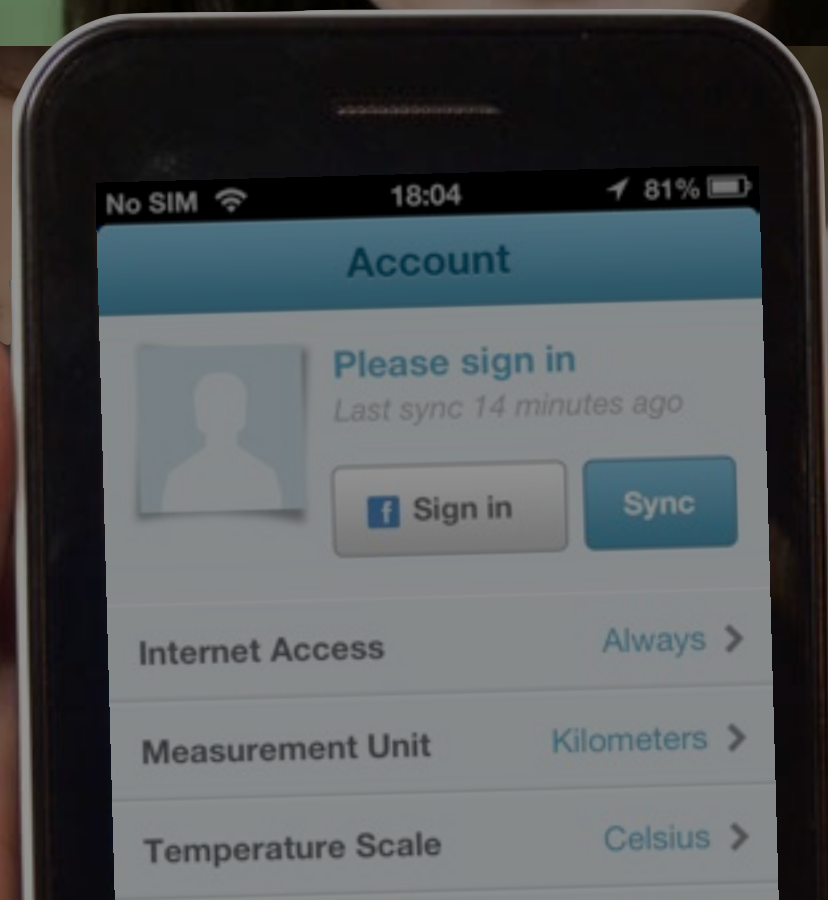
Personalization





Personalization

Personalization



Conclusion



The Triposo System

Conclusion

If you can't solve a problem in 50 lines of python running on a server in the kitchen, it must be really hard.

Thanks!

Douwe Osinga (@dosinga)