



La georeferenciació i geolocalització, eines de la cartografia.

R.Roset



Sumari

Geolocalització

- Concepte
- Des de casa
- Col·laboració
- Experiències
- Referències

Del topònim a les coordenades: la georeferenciació

La revolució digital: l'explosió geogràfica

- Els canvis en el suport: el suport digital
- Els canvis en la transmissió de la informació: internet
- El mapa com a base de cerca de qualsevol tipus de document
- Els canvis en l'organització de la documentació: Localització geogràfica versus ordre alfabètic
- Les eines que costumitzen l'usuari (no són les eines que s'adapten a la informació, és la informació que s'adapta a les eines)

Del topònim a les coordenades: la georeferenciació

El cas del patrimoni literari: del territori a la cartografia

- 1) Hem posat un paisatge a un text
- 2) Posem el paisatge en el mapa
- 3) Donem coordenades al text

[quasi]Tot es pot georeferenciar

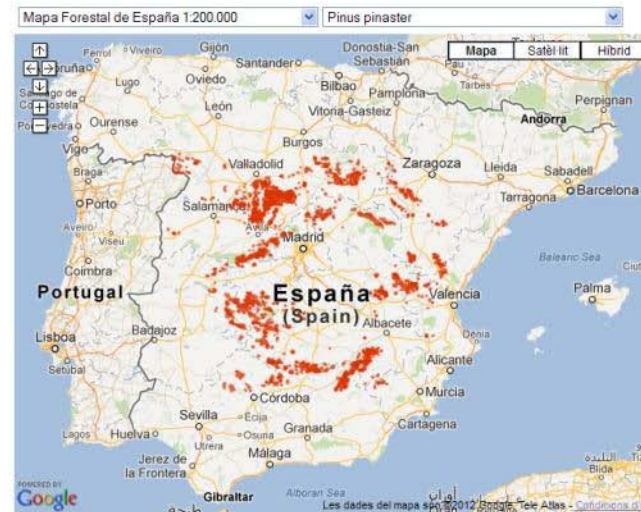
Nomeplantor, el mapa de distribució dels taxons de les espècies vegetals a Espanya.

En aquest exemple el “Pinus pinaster”, també conegut com Pi Marítim.

<http://www.nomenplantor.com/>



Áreas de distribución



ÁREAS DE DISTRIBUCIÓN DE LAS ESPECIES DE LAS CLAVES
NOMENPLANTOR-GIS



Map of Kansas Literature

—This site is a work in progress



By Place:

- [Arkansas City](#)
- [Atchison](#)
- [Ashland](#)
- [Baxter Springs](#)
- [Chanute](#)
- [Cimarron](#)
- [Coffeyville](#)
- [Colby](#)
- [Coldwater](#)
- [Downs](#)
- [Emporia](#)
- [Fort Scott](#)
- [Girard](#)
- [Greensburg](#)
- [Holcomb](#)
- [Hutchinson](#)
- [Independence](#)
- [Junction City](#)
- [Kansas City area](#)
- [Kill Creek Township](#)
- [Kingman](#)
- [Lawrence](#)
- [Macksville](#)
- [Manhattan](#)
- [Monument Rocks](#)
- [Nemaha County](#)
- [Oswego](#)
- [Oz](#)
- [Paola](#)
- [Pittsburg](#)
- [Salina](#)
- [Sherman County](#)
- [Sterling](#)
- [Topeka](#)
- [Wellington](#)
- [Wichita](#)

See also:

- [KS Fictional Towns](#)
- [KS Literature Overview](#)
- [About the Map](#)
- [Early Map of Kansas Literature \(1978\) by Thomas Fox Averill](#)

By Author:

- Carol [Ascher](#), Topeka
- Thomas Fox [Averill](#), Topeka
- Lara [Avery](#), Topeka
- Julene [Bair](#), Sherman County
- L. Frank [Baum](#), Oz
- Stephen [Bunch](#), Lawrence
- Gwendolyn [Brooks](#), Topeka
- Darren [Canady](#), Topeka
- Truman [Capote](#), Holcomb
- Marcia [Cebulska](#), Topeka
- Edna Walker [Chandler](#), Macksville
- Maxine [Clair](#), Kansas City
- Don [Coldsmith](#), Emporia
- Joseph [Collins](#), Lawrence
- Bruce [Cutler](#), Wichita
- Frank Marshall [Davis](#), Arkansas City
- Robert [Day](#), Kansas City area
- Bret [DeFries](#), Topeka
- Edythe [Draper](#), Oswego
- Harley [Elliott](#), Salina
- Mary [Finsel](#), Coldwater



[Carol Ascher](#) [Thomas Fox Averill](#) [Lara Avery](#) [Julene Bair](#) [L. Frank Baum](#) [Stephen Bunch](#) [Gwendolyn Brooks](#) [Darren Canady](#) [Truman Capote](#)



[Marcia Cebulska](#) [Edna Walker Chandler](#) [Maxine Clair](#) [Don Coldsmith](#) [Joseph Collins](#) [Bruce Cutler](#) [Frank Marshall Davis](#) [Robert Day](#) [Bret DeFries](#)



<http://www.washburn.edu/reference/cks/mapping/index.html>

+Vous Recherche Images Maps Play YouTube Actualités Gmail Documents Agenda Plus -

Google

Itinéraire Mes adresses

Enregistrer dans Mes adresses

Paris littéraire

Publique · 37 685 consultations
 Créée le 26 juil. · Par Bernard · Mise à jour le 7 sept.
 Donner votre avis sur cette carte · 4 commentaires · KML

- La Princesse de Clèves de Madame de la Fayette**
 Ce mariage s'acheva, la cérémonie s'en fit au Louvre; et le soir, le... et les reines vinrent souper chez madame de Chartres avec toute... cour, où ils furent reçus avec une magnificence admirable. L...
- Le Ventre de Paris de Emile Zola**
 Les Halles gardaient leur légèreté noire, avec les mille raies de... flamme des persiennes; sous les grandes rues couvertes, du mor... passait, tandis que les pavillons, au loin, restaient déserts, au mi...
- L'Argent d'Emile Zola**
 Mais, depuis sa déconfiture, il n'avait point osé rentrer à la Bourse... et, ce jour-là encore, un sentiment de vanité souffrante, la certitud... d'y être accueilli en vaincu, l'empêchait de monter les m...
- Les Chants de Maldoror de Isidore Lucien Ducasse**
 Les magasins de la rue Vivienne étaient leurs richesses aux yeux... émerveillés. Éclairés par de nombreux becs de gaz, les coffrets d'acajou et les montres en or répandaient à travers les vitrines des gerb...
- Notre-Dame de Paris de Victor Hugo**
 Il était en effet dans cette redoutable Cour des Miracles, où jamais... honnête homme n'avait pénétré à pareille heure; cercle magique ou... les officiers du Châtelet et les sergents de la prévôté qui s'y...
- Notre-Dame de Paris de Victor Hugo**
 Sans doute, c'est encore aujourd'hui un majestueux et sublime édifi... que l'église de Notre-Dame de Paris. Mais, si belle qu'elle se soit... conservée en vieillissant, il est difficile de ne pas soupirer...
- Les Mystères du peuple - Tome I / Eugène Sue**
 Ma mère m'avait dit: « Gildas, monsieur Lebrenn, notre compatriote... qui je vends la toile que nous tissons aux veillées, te prend pour... garçon de magasin. C'est une maison du bon Dieu. Toi, qui n'es...
- L'oeuvre d'Emile Zola**
 D'un bout à l'autre, le soleil oblique chauffait d'une poussière d'or le...

Données cartographiques ©2012 Google - Modifier dans Google Map Maker Signaler un problème

http://b14-sigbermes.apps.paris.fr/medias/medias.aspx?INSTANCE=EXPLOITATION&PORTAL_ID=portal_model_instance_parislatt.xml

Rutes

La ruta també com a diverses etapes, el camí.
Amb cert context.

<http://www.turismocastillalamancha.com/escapadas/te-proponemos/ruta-1---el-quijote/mapa/>

The screenshot shows the official website of Castilla-La Mancha Tourism. The page is titled "Ruta 1 - El Quijote" and is part of the "Escapadas" (Getaways) section. The main content includes a map of the route, a list of points of interest, and a sidebar with additional information.

Castilla-La Mancha
Web oficial de Turismo de Castilla-La Mancha

Inicio | Lugares | Qué hacer | Arte y Cultura | Alojamiento | Restaurantes y Gastronomía | Naturaleza | Escapadas | Mapa

Portada | Te proponemos | Diseña tu escapada

Inicio > Escapadas > Te proponemos > Ruta 1 - El Quijote > Mapa

Ruta 1 - El Quijote

Argamasilla de Alba (Ciudad Real)

Esta Ruta Literaria es un extracto de la obra universal de Cervantes, que nos invita a descubrir Castilla-La Mancha a través de una serie de capítulos seleccionados de *El Quijote*. Cada parada del recorrido de esta ruta es una aventura, acontecimiento o mención de esta obra literaria que daría fama en todo el mundo a La Mancha, a Cervantes y a la lengua castellana.

Información | Mapa | Fotos | Saber más

Mapa de la Ruta Literaria 1 - El Quijote

Mapa de la Ruta Literaria "Un Libro para un Viaje - El Quijote".

Ruta 1 - El Quijote está en

Provincia: [Ciudad Real](#)

Localidad: [Argamasilla de Alba](#)

OPR: (39.1295,-3.08877)

Ver mapa interactivo

Cómo llegar por carretera

Información útil en la zona

Puedes visitar los siguientes lugares de interés en esta zona:

- Argamasilla de Alba
- Museo Casa de Medrano, Argamasilla de Alba
- Iglesia de San Juan Bautista, Argamasilla de Alba
- 48 Alojamientos a menos de 30km
- 32 Restaurantes a menos de 30km
- 4 Oficinas de Turismo a menos de 30km
- Transportes a menos de 30km

Ver todo lo que hay en la zona

Geoetiquetatge

- Geolocalització: assignació d'un sol parell de coordenades per definir la posició de l'objecte en un sistema de referència.
- Georeferenciació: procés d'assignació de punts de control a una imatge per adaptar-la espacialment a un nou sistema de coordenades de referència.

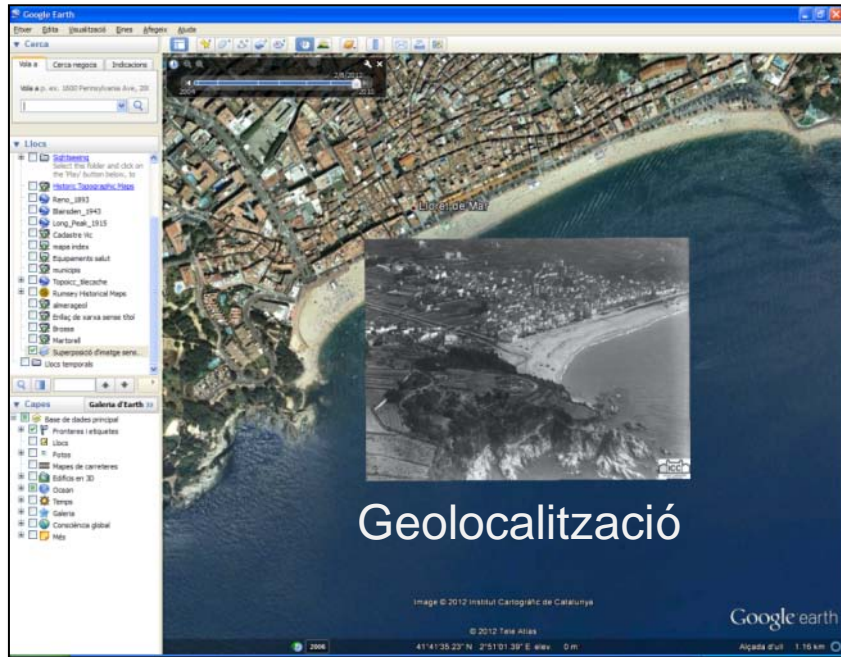


Foto de Lloret, fons Gaspar, sobre base actual



Aparici, 1769, sobre base actual

Georeferenciació “a mà”



<http://www.flickr.com/groups/lookingintothepast/>

historypin

Map | Tours & Collections | Channels | Community | Pin | Join | Login

Search by place e.g. London, NYC, Peoria GO

Narrow down by date by subject

show thumbnails Full Screen

Map Satellite

Details Comments (1) Street View Repeats (0) Copyright

Share: g+ f t

Avinguda Rei / Calle de San Antonio, Cardedeu, Catalunya
Address is approximate

Carrer Sant Antoni de Cardedeu - 1910
1910
jurisdoc20

Google

Favourite Fade Reset Fullscreen

Map data ©2012 Google, Terra Atlas - Terms of Use

© 2011 We Are What We Do. Home About FAQs Community We Are What We Do Contact Blog App Terms & Conditions Privacy Policy

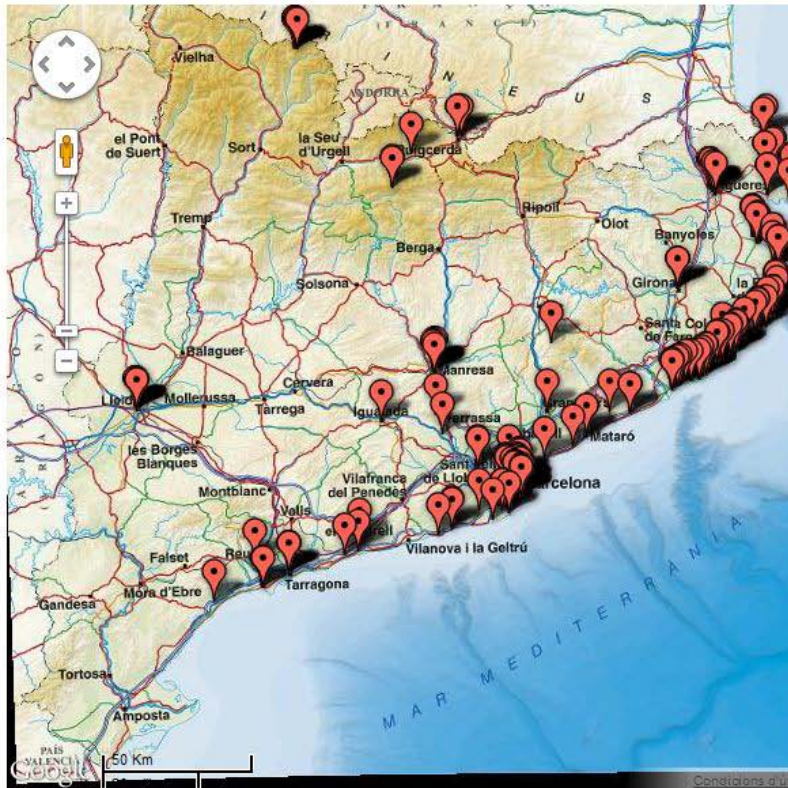
<http://www.historypin.com/>

Cercar [Cercar](#) Cerca avançada

Fotografies aèries de Catalunya (Gaspar, 1929)

Fons format per un centenar de fotografies aèries obliques de Catalunya fetes l'any 1929 per Josep Gaspar i Serra (Manresa 1909-Barcelona 1929). Fotògraf i càmera de cinema que treballà a Barcelona i a l'Amèrica del sud.

És un dels pioners de la fotografia aèria catalana i fotògraf oficial de l'aeròdrom Canudas entre 1929 i 1933. També és considerat un dels pioners del cinema català.


[Tornar a l'inici](#)

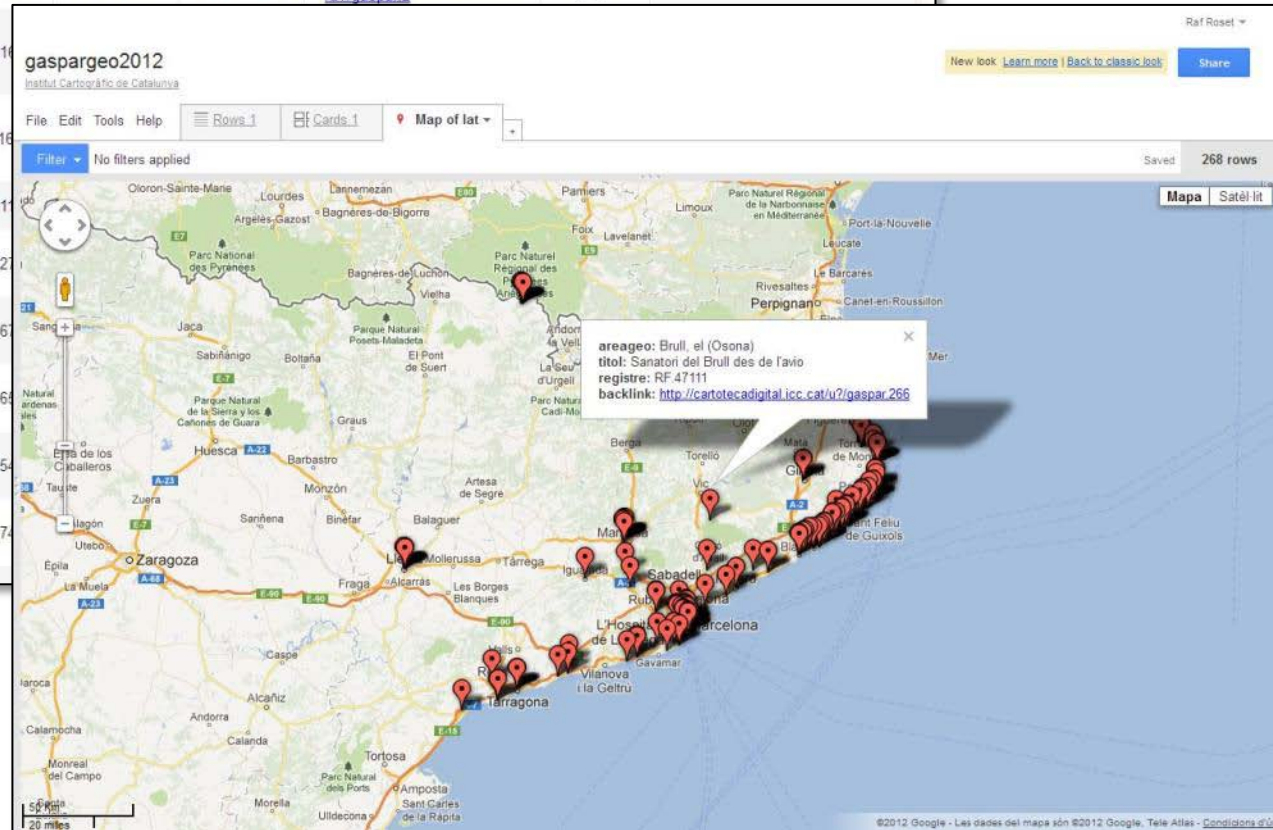
<http://cartotecadigital.icc.cat/cdm/landingpage/collection/cuyas>

gaspargo2012
Institut Cartogràfic de Catalunya

File Edit Tools Help Rows 1 Cards 1 Map of lat

Filter No filters applied


areageo	titol	registre	nomarx	utmy	utmx	lat	lon	backlink	marcador
Barcelona (Barcelonès)	Sagrada Família	RF.16614	1.jpg	4584081.57	431081.17	41.40532464	2.175459979	http://cartotecadigital.icc.cat/u/?gaspar_0	large_red
Barcelona (Barcelonès)	Sagrada Família	RF.16615	2.jpg	4584181.57	431181.17	41.40623387	2.176644883	http://cartotecadigital.icc.cat/u/?gaspar_1	large_red
Barcelona (Barcelonès)	Sagrada Família	RF.16616	3.jpg	4583981.57	430981.17	41.40441539	2.174275108	http://cartotecadigital.icc.cat/u/?gaspar_2	large_red
Barcelona (Barcelonès)	Vista parcial de Barcelona	RF.16617	4.jpg	4581786.57	431011.17	41.39811539	2.174275108	http://cartotecadigital.icc.cat/u/?gaspar_3	large_red
Barcelona (Barcelonès)	Vista parcial de Barcelona	RF.16618	5.jpg	4581886.57	431111.17	41.39811539	2.174275108	http://cartotecadigital.icc.cat/u/?gaspar_4	large_red
Barcelona (Barcelonès)	Plaça de Catalunya	RF.16619	6.jpg	4582246.57	430711.17	41.39811539	2.174275108	http://cartotecadigital.icc.cat/u/?gaspar_5	large_red
Barcelona (Barcelonès)	Catedral de Barcelona	RF.16620	7.jpg	4581954.57	431221.17	41.39811539	2.174275108	http://cartotecadigital.icc.cat/u/?gaspar_6	large_red
Barcelona (Barcelonès)	Catedral de Barcelona	RF.16621	8.jpg	4581994.57	431261.17	41.39811539	2.174275108	http://cartotecadigital.icc.cat/u/?gaspar_7	large_red
Barcelona (Barcelonès)	Plaça de toros les Arenes	RF.16622	9.jpg	4581090.57	428961.17	41.39811539	2.174275108	http://cartotecadigital.icc.cat/u/?gaspar_8	large_red
Barcelona (Barcelonès)	Plaça de toros Monumental	RF.16623	10.jpg	4583704.57	431651.17	41.39811539	2.174275108	http://cartotecadigital.icc.cat/u/?gaspar_9	large_red
Barcelona (Barcelonès)	Plaça de toros Monumental	RF.16624	11.jpg	4583724.57	431671.17	41.39811539	2.174275108	http://cartotecadigital.icc.cat/u/?gaspar_10	large_red
Barcelona (Barcelonès)	Estadi de								



La taula de dades, i la visualització sobre Gmaps


Quina base “geo” necessitem?

- A Catalunya: ICC
- Resta del món:
 - OSM
 - Google
 - Yahoo
 - Mapquest
 - ESRI
 - Etc



Generalitat de Catalunya
www.gencat.cat

[Registre](#) [Contacte](#) [Español](#) [English](#)



ICC
Institut Cartogràfic de Catalunya


- Mapes, fotos aèries...
- Veure i descarregar ortoXpres
- Cartografia al vostre web
- Sobre la cartografia ICC
- Toponímia (noms de lloc)
- Productes impresos
- Centre d'Atenció a l'Usuari
- Atlas Nacional de Catalunya
- Material promocional
- ICC mòbil

- Geodèsia
- Recerca i docència
- Fons històrics
- Projectes a mida
- Informació corporativa
- Altres webs

[Inici](#) > [Mapes, fotos aèries...](#) > [Cartografia al vostre web](#) > **Cartografia ICC a Google Maps**

Cartografia ICC a Google Maps

Proveu el següent mapa interactiu, fet amb l'API de Google Maps i cartografia de l'ICC.



Per a utilitzar l'API de Google Maps són necessaris uns mínims coneixements d'HTML i javascript.

A continuació s'explica la connexió amb els servidors ICC de TileCache per a Google Maps (EPSG:3857), però també hi ha la possibilitat d'utilitzar l'estàndard WMS (vegeu [serveis WMS disponibles](#)), que ofereix més capes però pot resultar més lent.

API Google Maps v3

Per a utilitzar cartografia de l'ICC amb l'API v3 cal afegir el següent codi:

```
var topo3857 = new google.maps.ImageMapType({
  getTileUrl: function(coord, zoom) {
    return "http://norma.icc.cat/tilecache/tilecache.py/1.0.0/topo3857/"+zoom+"/"+coord.x+"/"+coord.y+
      ".png?type=google";
  },
  tileSize: new google.maps.Size(256, 256),
  maxZoom: 18,
  minZoom: 8,
  isPng: true,
  name: 'TopoICC',
  credit: 'ICC'
});

map.mapTypes.set('topoICC', topo3857);
map.setMapTypeId('topoICC');
```

[Exemple \(codi\)](#) | [Funcionalitats addicionals](#) | [Documentació API v3](#)

Per afegir cartografia ICC en entorns web i SIG

<http://www.icc.cat/cat/Home-ICC/Mapes-fotos-aeries/Cartografia-al-vostre-web>

Vissir ICC

Coordenades només per Catalunya, i en UTM

Vissir v3.3
 Institut Cartogràfic de Catalunya

Veure i comparar
 Capes addicionals
 Cerca

Seleccioneu el tipus de cerca:
 Topònim
 • Ex. Vic
 lloret

- Lloret
- Lloret
- Lloret
- Lloret
- Lloret de Mar
 Municipis: Lloret de Mar.
 Comarques: Selva.
- Lloret Blau
- Lloret Salvatge
- la Creu de Lloret
- Lloret Residencial
- el Lloret
- Can Lloret
- Can Lloret

Catàleg i descàrrega
 Editor
 Novetats

E (X): 487722.5 m - N (Y): 4616302.5 m UTM 31N / ED50
 E (X): 487628.7 m - N (Y): 4616097.8 m UTM 31N / ETRS89

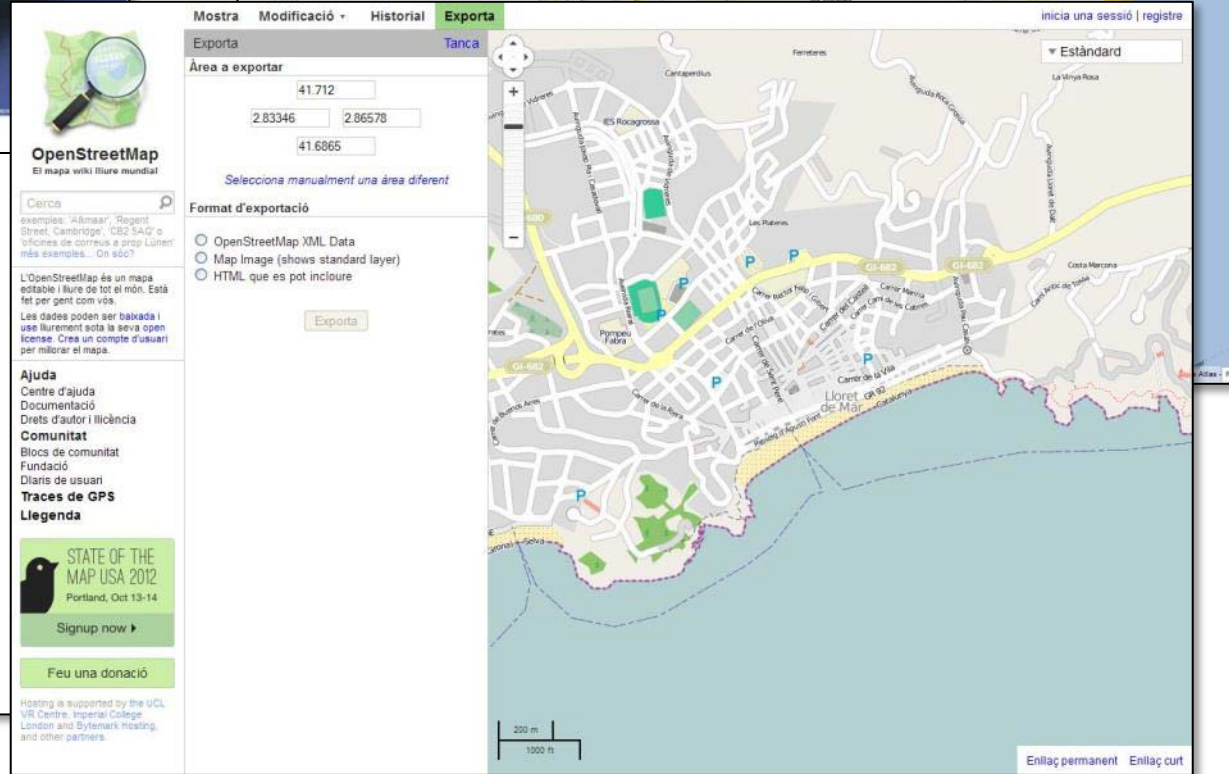
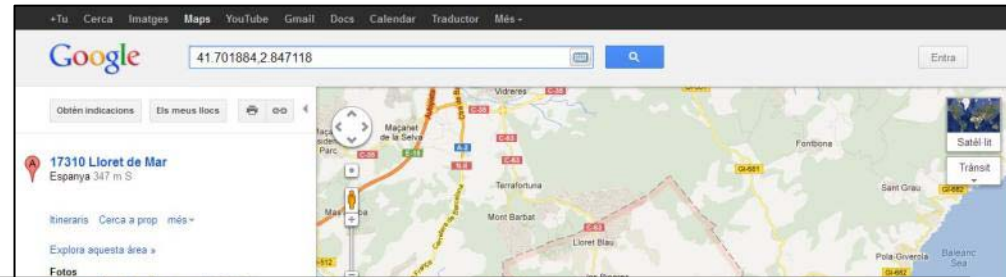
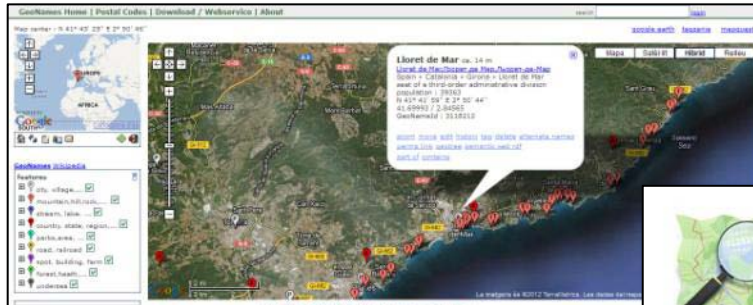
Esteu veient Mapa topogràfic 1:50.000 [\[Legenda\]](#)

E (X): 487722.5 m - N (Y): 4616302.5 m UTM 31N / ED50
 E (X): 487628.7 m - N (Y): 4616097.8 m UTM 31N / ETRS89

Esteu veient Mapa topogràfic 1:50.000 [\[Legenda\]](#)

Resta del món

Coordenades de qualsevol servei de mapes online, en lat lon



Nomenclàtors

Compilacions de noms de lloc amb coordenades. Cal conèixer el sistema de referència.

The image shows two overlapping web browser screenshots. The top-left screenshot is of the GeoNames website, which features a search bar, navigation links, and a list of categories like 'Countries', 'Largest cities', and 'Highest mountains'. The bottom-right screenshot is of the 'Dades obertes gencat' website, which displays a search interface for 'nomenclator' with 2 results. The search results include 'Base toponímica de Catalunya 1:50 000 amb Nomenclàtor' and 'Nomenclàtor de Catalunya'. The website also has a 'Categories' sidebar with items like 'Nomenclàtors (2)', 'Municipis (2)', and 'Cartografia i mapes (2)'. A URL is provided at the bottom of the screenshot: <http://dadesobertes.gencat.cat>.

<http://www.geonames.org/>

<http://dadesobertes.gencat.cat>

Sistemes de referència

Mapa Topogràfic de Catalunya 1:250 000, servit pel WMS de l'ICC.



ED50 UTM 31 N, EPSG: 23031
ETRS89 UTM 31 N, EPSG: 25831



WGS84 geogràfiques (lat,lon), EPSG: 4326
ETRS89 geogràfiques (lat, lon), EPSG: 4258

GPS Coordinate Converter, Maps and Info

Enter coordinates

5992521286011, 2.84962177276611

(like 37 23.516 -122 02.625, but it's flexible)

Convert and Map

Decimal Degrees (WGS84)

Latitude 41.699252 Longitude 2.849622

Degrees, Minutes & Seconds

Latitude N41 41 57 Longitude E2 50 58

GPS

Latitude N 41 41.955 Longitude E 2 50.977

UTM

31N 487488 4616396



Clicked At:

DETAILED MAPS AT:

- [MapPoint](#)
- [Yahoo! Maps](#)
- [MapQuest](#)
- [Geocaching.com](#)
- [MultiMap](#)
- [Tiger](#)
- [MapTech](#)
- [Google Maps](#)
- [Rand McNally](#)
- [ACME Mapper](#)
- [TopoZone](#)
- [TerraServer USA](#)
- [TerraServer](#)
- [Terracaching](#)

INFO:

- [Nearby Geocaches](#)
- [Unfound Nearby Geocaches](#)
- [Geocaches \(GPSGames\)](#)
- [USGS Benchmarks](#)
- [Download LOC](#)
- [Calculate Distance...](#)
- [GeoURLs](#)
- [ExpertGPS](#)
- [Confluences](#)
- [Shutterspots](#)
- [Dashpoints](#)

CONVERT COORDINATES BOOKMARKLET

[Convert GPS Coords](#)

Drag the link above to your browser's link bar or right-click it to bookmark it. You can use this link to simply get to this site quickly OR if you highlight GPS coordinates on any web page and use this link from your bookmarks or link bar, it'll enter in those coordinates for you. Try it!

[boulter.com geocaching](#) <|> [comments](#)

Online: <http://boulter.com/gps>

Massiu, via Excel: <http://www.uwgb.edu/dutchs/UsefulData/HowUseExcel.HTM>

Calculadores geodèsiques ICC

Com es geolocalitza des de casa?

Un exemple literari creat amb Google Fusion Tables:

Els viatges de Pepe Carvalho


TÍTOL	PROPIETARI	ÚLTIMA MODIFICACIÓ
Full de càlcul sense títol	jo	1 d'oct. jo
actig_27-09	jo	19 de set. jo
Còpia de Formulario clientes EJEMPLO	jo	9 de jul. jo
View of mtn50_peninsula_baleares.kml	jo	3 de jul. jo
Taules dinàmiques (experimental)	jo	28 de juny jo
Script	jo	16 de maig jo
	jo	14 de maig jo
	jo	14 de maig jo
siglibre-TAGS - v3.1	jo	1 d'abr. jo
scmdiba201203 Compartits	jo	27 de març jo
gaspargo2012 Compartits	jo	26 de març jo
gc_noe_nls.kml Compartits	jo	22 de març jo
bm50mv_export.kml noe_nls Compartits	jo	28 de febr. jo
diba76_gmap_marker.xlsx Compartits	jo	28 de febr. jo
diba76_gmap.xlsx Compartits	jo	28 de febr. jo

<https://www.google.com/fusiontables/DataSource?docid=1n1kfozzHlrHvHQ-N7WSneMxfbZhmwVxeVbwSmZw>

Com es geolocalitza des de casa?

Informació tretada de:

- <http://www.vespito.net/mvm/prolpajbang.html>
- http://es.wikipedia.org/wiki/Pepe_Carvalho



La vuelta al mundo de Pepe Carvalho

QUIM ARANDA

Epílogo conmemorativo del 25º aniversario de Carvalho,
Edición de 1997 de *Los pájaros e Bangkok, Planeta*

Bangkok es el destino más exótico que por ahora los seguidores de Pepe Carvalho le conocen, a la espera de que próximas aventuras abran nuevos mundos todavía no muy explorados ni explotados por las agencias de viajes especializadas en turista japonés. El detective viajó en octubre de 1982 a Thailandia perseguiendo el fantasma de una mujer, la vieja amiga Teresa Marsé, que quería perderse en los mares del Sur para encontrarse a sí misma, paradoja también masculina como demostraron Antonio Jaurá (*La soledad del manager*), Carlos Stuart Pedrell (*Los mares del Sur*) e incluso el propio Carvalho en los años 60, tras su marcha de España a Estados Unidos.

Después de cumplir con unos supuestos e inaplazables deberes ciudadanos —sorprendentemente Pepe Carvalho votó por correo en octubre de 1982, aunque no es probable que él creyese en la consigna del cambio como si hicieron diez millones de españoles—, embarcó rumbo al sur de Asia en un avión que más parecía un autocar de excursión de domingo con destino a Montserrat o al Escorial que un Jumbo 747 con atributos transcontinentales.

No fue aquella la primera vez que Carvalho iba al sur de Asia. Ni probablemente será la última, si cumple sus propósitos confesados durante una cena con su amigo y vecino Eric Foster. En una fecha poco precisa —Montalbán y el detective se refieren a ella de forma vaga, aunque muy probablemente fuese a finales del año 1969 o comienzos de 1970, pocos meses antes de volver definitivamente a Barcelona—, Pepe Carvalho estaba moviéndose por el sur de Asia todavía por cuenta de la CIA. «[...] Estaba en Bangkok para ayudar a preparar la retaguardia de la presumiblemente perdida batalla del sudeste asiático [...]». En su ánimo, una intuición de despedida, de último servicio, que no quería clasificarse a sí mismo. «La cometa del historial de José Carvalho Tourón en la CIA no dejaría lugar a tantas especulaciones: el agente gallego operaba en el sudeste asiático como uno más de los miles de asesores civiles y militares que Estados Unidos había desembarcado en Thailandia en aquella época, en especial desde la intensificación de las acciones de las guerrillas comunistas con base en Camboya, acciones especialmente duras entre los años 1968 y 1970.

Hacia pocos meses que Richard Nixon había anunciado la escalonada reducción de efectivos militares norteamericanos en el área pero, de hecho, la CIA mantenía una activa presencia en la zona a fin de detectar cualquier signo de infiltración o radicalización de la actividad guerrillera en Thailandia. Estados Unidos daba prácticamente por perdido Vietnam pero no Thailandia, a pesar del revés diplomático que sufrió Nixon quince meses más tarde, en noviembre de 1971, cuando el gobierno militar del país asiático le exigió la total retirada de las tropas acantonadas en el país. Carvalho cumplía en Thailandia funciones de espionaje, aunque no hubiera mucho que espigar o la información que obtuviese fuera apenas relevante para el curso de la guerra.

Bangkok era la base de operaciones de muchos espías occidentales, y hasta allí volvió quince años después en un viaje absurdo en busca de Teresa Marsé.

La vuelta a Thailandia —esos pájaros de Bangkok, los mismos en todos los cielos— fue para el detective un nuevo reencuentro con su pasado, tal y como le había sucedido en Amsterdam en 1974 (*Tatuaje*), en Madrid en 1980 (*Asesinato en el Comité Central*) o incluso como le sucede cada vez que sale de su casa y desciende las rampas del Tibidabo para ir a buscar refugio a su despacho de las Ramblas, el punto más cercano a la geografía de su infancia.

La etapa en la CIA

Pepe Carvalho ha recorrido prácticamente medio mundo por cuenta del Tío Sam. Durante los años 60 viajó de Norte a Sur y de Este a Oeste, y en muchas ocasiones se le pudo ver —aunque quizá sólo fuera un doble, o un sustituto, o una maniobra más de la Compañía para acrecentar la leyenda que acompañaba los movimientos de este falso agente gallego— en casi todos los puntos calientes del planeta. «Ninguna descripción de Carvalho coincide con la anterior y ya no queda ninguna esperanza de que pueda coincidir con la ulterior. En La Paz, tras el atentado contra Paz Estenssoro, Carvalho era un hombre alto, aguilino, muy moreno, de ojos magnéticos. En Siria, después de la última intentona del Baas, Carvalho es un oscuro, pequeño hombre calvo con lentes bifocales. En Kenya sería un tragasables rubio panocha. ¿Quién es Pepe Carvalho?» (*To maté a Kennedy*). En Bolívia estuvo entre 1963 y 1964, poco antes de la definitiva caída de Víctor Paz Estenssoro, en Siria, en 1963, tras el golpe del Baas y la instauración del régimen autocrático del general Hafez, en Kenya formó parte de una leyenda fomentada hasta el infinito, la de la supuesta actividad del presunto doble o triple agente Pepe Carvalho.

Pocas certezas pueden apuntarse durante este agitado periodo en la vida de Carvalho. Después de su marcha de España a Estados Unidos y su ingreso en la CIA estuvo muy cerca de muchos de los hombres más destacados de la Administración Kennedy. Incluso es posible que llegase a estar demasiado cerca del mismísimo presidente, aunque su participación en el complot que acabó con la vida de JFK en Dallas en noviembre de 1963 nunca ha podido probarse, y Manuel Vázquez Montalbán tampoco se ha mostrado muy explícito sobre este extremo. Bien al contrario. Se sabe, por ejemplo, que antes del asesinato de Kennedy, Pepe Carvalho viajó a Argentina (*El premio*) —probablemente en 1962— junto a uno de los «cabezas de hervor» del presidente democrata. Muy a su pesar, Carvalho pasó en Buenos Aires tan sólo unas pocas horas. No pudo satisfacer el deseo de ir a Corrientes porque su misión era velar por la seguridad de Dean Rusk, uno de los hombres de confianza de Kennedy. El secretario de Estado estadounidense estaba de visita de inspección al Cono Sur, antes de que se llamase Cono Sur, y se entrevistó con el todavía entonces presidente de la República, Arturo Frondizi. No hay fechas exactas del desplazamiento y resulta difícil precisarlas, pero es muy probable que el encuentro entre Rusk y el presidente argentino tuviese lugar pocos días antes del golpe militar que acabó con el mandato de Frondizi, depuesto en 1962 y posteriormente confinado en la isla de Martín García. ¿Tuvo algo que ver Carvalho en la acción desestabilizadora y en la asunción de la presidencia por parte de José María Guido? Misterio. Uno más que añadir a la vida del detective.

La República Dominicana fue otro de los destinos del agente de la CIA Pepe Carvalho. El detective lo recuerda mientras vuelva Barcelona a Madrid a bordo del *Père Lachaise* para asistir a la cena literaria que ofrece el magnate Lázaro Conesal (*El premio*). «Reconstruía un viaje entre Santo Domingo y Sosúa en los tiempos en que estaba tratando de derrocar a Bosch en beneficio de Balaguer, a pesar de que había tratado fugarmente a Bosch en un congreso de rojos en el que le había infiltrado la CIA [...] lo derrocaron los americanos con la ayuda de Carvalho aunque él se negara a presenciar el momento estricto del derrocamiento: ojos que no ven corazón que no siente y al fin y al cabo la inteligencia de todo progresista latinoamericano se demuestra asumiendo que está condenado a perder.»

PÁGINA PRINCIPAL

BUSCA

TU Opinión

QUEMIAS

ARTÍCULOS

Creado el 21-10-2001.

Más cosas sobre Carvalho:

- 1) ["Un cronista escéptico"](#)
- 2) [Biografía](#)
- 3) [Su familia](#)
- 4) [La cocina](#)
- 5) [Los restaurantes](#)

Com es geolocalitza des de casa?

Tres obres:

- Tatuaje
- Asesinato en el Comité Central
- Los pájaros de Bangkok

Es podria fer amb totes les altres obres de la sèrie.

New Table Raí Roset ▾

[Switch to new look](#) [Get link](#) [Share](#)

File View Edit Visualize Merge Labs

Showing all rows [options](#) 1 - 3 of 3

Text ▾	Number ▾	Location ▾	Date ▾		
Tatuaje		Amsterdam	1974	🗨	🗑
Asesinato en el Comité Central		Madrid	1980	🗨	🗑
Los pájaros de Bangkok		Bangkok	1982	🗨	🗑

Com es geolocalitza des de casa?

Automàticament Google reconeix els noms de lloc i mostra les obres georeferenciades.

The screenshot shows a Google Maps interface with a world map. A red pin is placed on Bangkok, Thailand. A pop-up window is open over the pin, displaying the following information:

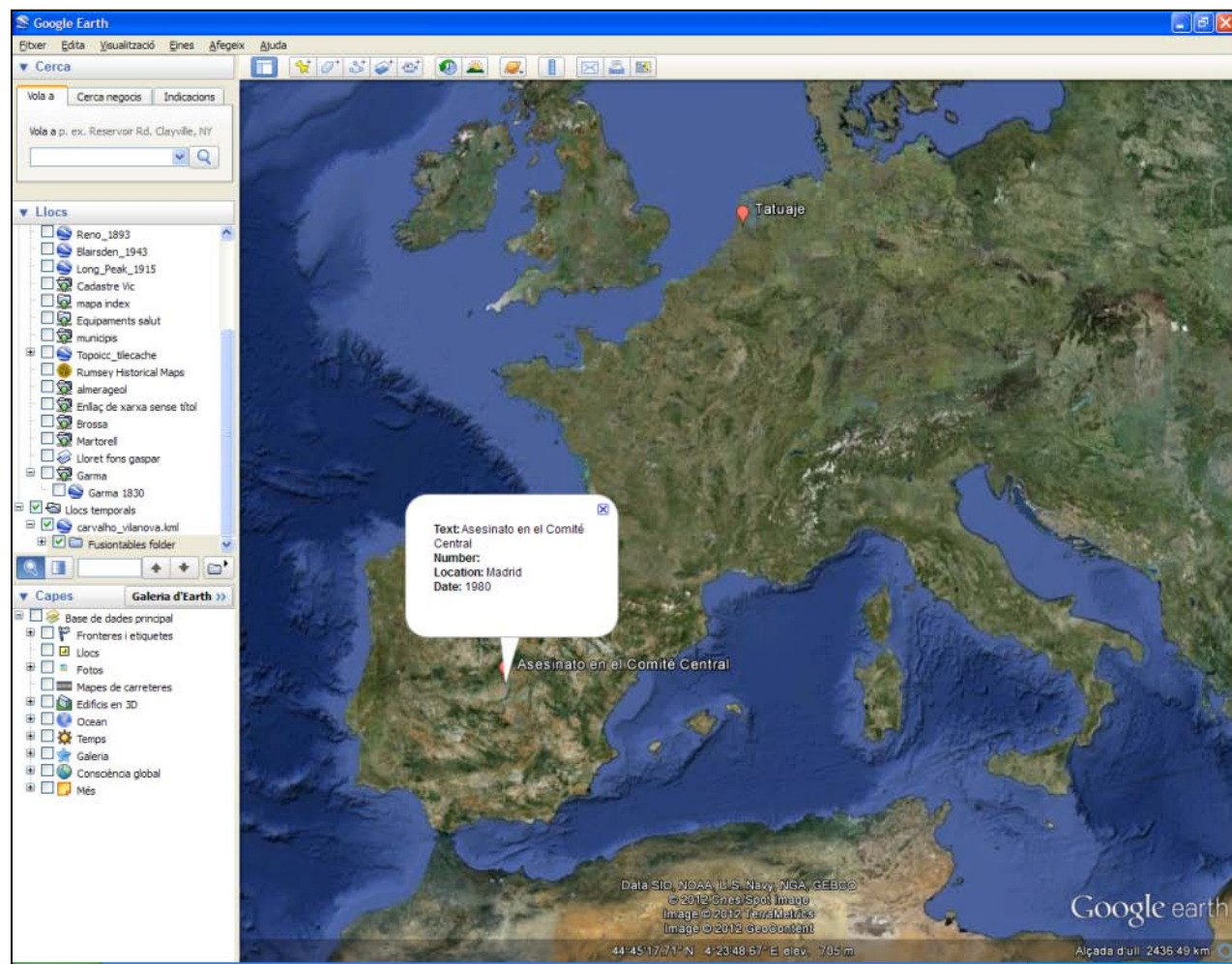
- Text: Los pájaros de Bangkok
- Number: (blank)
- Location: Bangkok
- Date: 1982

The map interface includes a search bar at the top left, navigation controls on the left, and a 'New Table' header at the top right with options like 'Switch to new look', 'Get link', and 'Share'. The map shows various countries and cities labeled in both English and Spanish.

Com es geolocalitza des de casa?

Enllaç per descarregar l'arxiu KML.

Permet veure-ho a Google Earth.



Com es geolocalitza des de casa?

KML: arxiu de text amb etiquetes que conté la informació geogràfica.

Es pot reutilitzar a força entorns SIG i es pot convertir a d'altres formats.

```

...
<Placemark>
<name><![CDATA[Tatuaje]]></name>
<styleUrl>#BasicStyle</styleUrl>
<description>
<![CDATA[<div class="googft-info-window" style="font-family:sans-serif">
<b>Text:</b> Tatuaje<br>
<b>Number:</b> <br>
<b>Location:</b> Amsterdam<br>
<b>Date:</b> 1974
</div>]]>
</description>
<address>Amsterdam</address>
...
<Placemark>
<name><![CDATA[Domicili habitual]]></name>
<styleUrl>#BasicStyle</styleUrl>
<description>
<![CDATA[<div class="googft-info-window" style="font-family:sans-serif">
<b>Text:</b> Domicili habitual<br>
<b>Number:</b> <br>
<b>Location:</b> 41.413107,2.104659<br>
<b>Date:</b>
</div>]]>
</description>
<Point>
<coordinates>
2.104659,41.413107,0
</coordinates>
</Point>
...

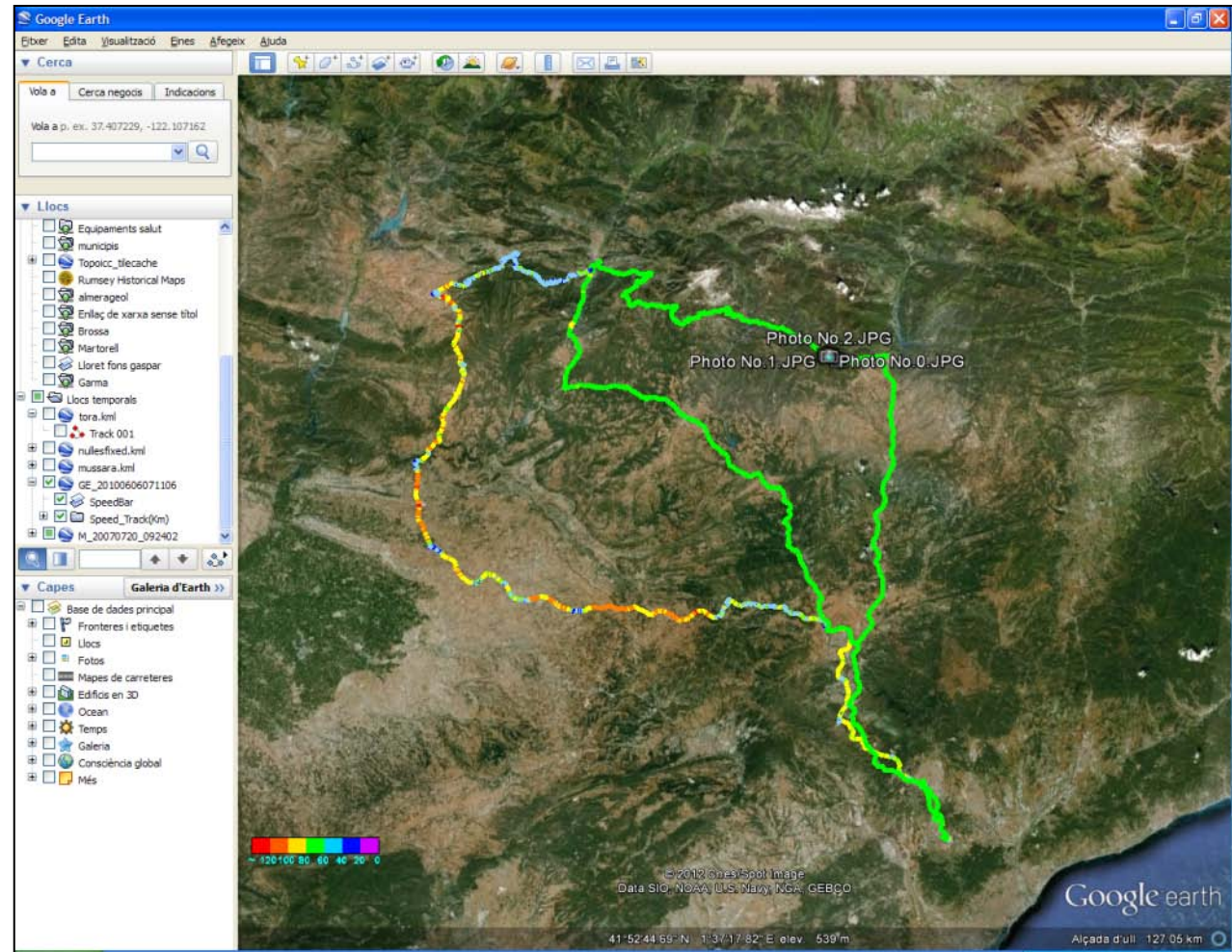
```

Rutes amb GPS

Els smartphones actuals tenen GPS integrat, i hi ha força aplicacions que permeten desar els recorreguts (tracks), juntament amb els punts de pas (waypoints).

També tenen càmera, i per tant es pot ubicar al territori les fotografies preses tant per posició com per temps.

(a l'esquerra, recorregut codificat per velocitat)



Apps per Android

GPS Essentials inclou moltes eines relacionades amb el GPS, com creació i exportació de punts.

Open GPS Tracker permet desar a memòria i exportar els recorreguts.

My favorite | Sign in

open-gpstracker
A GPS tracking Android App: Build to be extensible and Free

Project Home | Downloads | Wiki | Issues | Source

Summary | People

Project Information

- Project feeds
- Code license: GNU GPL v3
- Labels: Android, GPS, Tracking, Logging, Map, GPX
- Members: rcgr...@gmail.com, 3 committers
- Featured
- Downloads:
 - OpenGPSTracker_1.3.1-cupcake.apk
 - OpenGPSTracker_1.3.1-vanilla.apk
 - OpenGPSTracker_1.3.2-osmupdate.apk
 - OpenGPSTracker_1.3.2.apk
 - Show all »
- Wiki pages:
 - About Android
 - FAQ
 - Offline Maps
 - Screen Shots
 - Show all »
- Links:
 - External links:
 - JavaDoc
 - GPS Tracking ContentProvider
 - Java Sources

Open GPS Tracker

This program adds the capability to store and review where you and your Android device have been. Basically you press record at the start of your trip and your phone stores the route you take. This route is drawn real-time on the Maps functionality of Android or in the background with an idle device. The route is stored on your phone for review and further use. The application tracks location by GPS, hence the name. An accurate description of the program type would be a [GPS logger](#).

[Donate](#)

There is no tie-in with a required website or predetermined limit about how you choose to use your data. Shown here is a demo recording of this Android application. It is recorded using [recordMyDesktop](#) and the emulator found in the [SDK](#).

Android - Open GPS Tracker - Se... Comparteix Més informació

Open GPS Tracker: Run around in Utrecht

0:00 / 4:46

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Presentamos **Google Play** | MÁS INFORMACIÓN

Google play | Buscar

TIENDA | MIS LIBROS | MIS PELÍCULAS | MIS APLICACIONES ANDROID

GPS Essentials
mictale.com

★★★★★ (11 090)

[INSTALAR](#)

Descripción

The Swiss army knife of GPS navigation!
The most complete GPS tool on market. Navigate, manage waypoints, tracks, routes, build your own dashboard from 45 widgets.

Información General

El desarrollador: GPS Essentials Donation PI...
mictale.com
★★★★★ (144)
99 €

GPS Essentials Contacts PI...
mictale.com
★★★★★ (959)
Gratis

Ver más consultadas por los usuarios

Apps recomendadas:

- laps: DOBLE INC. SELECCIÓN DE EDITORES. Gratis
- ackCountry Navigator PR...: BITTERMAP SOFTWARE LLC. ★★★★★ (2.081). 99 €
- GPS Status: OBIVIA - ECLIPSEM. ★★★★★ (40.583). Gratis
- Street View en Google Maps: GOOGLE INC. ★★★★★ (433.667)

Capturas de pantalla de la aplicación

Videos

GPS Essentials - App Review - The E... | Share | More info

ACERCA DE ESTA APLICACIÓN

VALIDACIÓN: ★★★★★ (11 090)

ACTUALIZADA EL: 12 de septiembre de 2012

VERSIÓN ACTUAL: 3.0.5

REQUIERE ANDROID: 1.6 o superior

CATEGORÍA: Viajes y guías

INSTALACIONES: 1.000.000 - 5.000.000

Últimos 30 días:

TAMAÑO: 2,4M

PRECIO: Gratis

CLASIFICACIÓN DE CONTENIDO: Nivel de madurez bajo

Postprocés

Hi ha llocs web amb eines específiques per processar la informació dels GPS i per fer conversions entre formats.

<http://www.gpsvisualizer.com/>

GPS Visualizer

About GPSV
DRAW A MAP
DRAW A PROFILE
CONVERT A FILE

Atlas: Share a map
Geocode an address
Look up elevations
Google Earth overlays

Calculators
GDSbabel
Help/FAQ
Examples

Partner sites:
GlobalMotion.com
EveryTrail.com
EveryTrail Guides

facebook

GPS Visualizer: Do-It-Yourself Mapping

GPS Visualizer is a **free**, easy-to-use online utility that creates maps and profiles from GPS data (tracks and waypoints, including GPX files), driving routes, street addresses, or simple coordinates. Use it to see where you've been, plan where you're going, or visualize geographic data (business locations, scientific observations, events, customers, real estate, geotagged photos, "GPS drawing," etc.).

Click here for example maps

Get started now:

Upload a GPS file:

Choose an output format:

To set more options, use the detailed input pages:

- Google Maps
- Google Earth KML
- JPEG/PNG/SVG maps
- Plot data points
- Profiles (elevation, etc.)
- Convert to GPX
- Convert to plain text
- Geocoding
- Freehand drawing tool

Help keep GPS Visualizer free

Donate

Help keep GPS Visualizer free
GPS Visualizer is a free service and hopefully always will be; however, if you find it interesting, time-saving, or just plain fun, you can say "thanks" -- and encourage further development -- by clicking the button above and making a contribution via credit card or PayPal. Or, you could send an Amazon wish list item.

GPS Visualizer can read data files from many different sources, including but not limited to: **GPX** (a standard format used with many devices and programs, including Garmin's eTrex, GPSMAP, Oregon, Dakota, Colorado, & Nuvi series), **Google Earth** (.kml/.kmz), **Google Maps routes** (URLs), **Geocaching.com** (.loc), **FAI/IGC glider logs**, **Microsoft Excel**, **Google Spreadsheets**, **XML feeds**, **Garmin Forerunner** (.xml/.hst/.toc), **Timex Trainer**, **OziExplorer**, **Cetus GPS**, **PathAway**, **cotogPS**, **CompeGPS**, **TomTom** (.pgl), **IGN Rando** (.rdn), **Emtac Trine**, **Suunto X9/X9i** (.sdf), **Fugawi**, **NetStumbler**, and of course **tab-delimited or comma-separated text**.

GPS Visualizer is based in Portland, Oregon, and has been on the Web since October 2002.

NEWS & UPDATES

GPSLOGGER .GPL FILES	[10/13/12] Another file format supported: .gpl files from "GpsLogger" software, which comes with the SkyRC GPS logger for remote-control vehicles. (Apparently GpsLogger's own export functions aren't very good and produce "chunky" tracks with no elevation data!)
DATACENTER .GSR FILES	[10/12/12] GPS Visualizer can now read .gsr binary files from the DataCenter software supplied with USGlobalSat's DG-200 GPS logger (and possibly other devices as well).
ICON OFFSETS IN GOOGLE MAPS	[09/20/12] New feature for power users: using an "icon_offset" field in the input data, you can now shift the placement of an individual waypoint's icon -- in pixels (not degrees or meters), so the offset is the same at any zoom level. This should be helpful for showing multiple markers in the same location.
ORION SKYTRACK	[09/19/12] GPS Visualizer can now read binary .Trk logs from Orion Electronics' "SkyTrack" devices, which are frequently used by law enforcement vehicles.
SKYDEMON LOGS	[09/18/12] GPS Visualizer can now read plain-text flight logs from Skydemon GPS devices. These files usually have a ".flightlog" suffix.
USGS TOPOS .B&W.RAW	[07/06/12] Great news: The USGS topo maps and black-and-white aeriels (from terraserver-usa.com , a.k.a. msrmaps.com) have returned! This will be most useful for those needing to place their waypoints into Google Earth.

Print or download travel guides to your iPhone or GPS: Skyline to the Sea Trail • Hiking the Grand Canyon Rim to Rini • Half Dome • The Boston Freedom Trail • Upper Yosemite Falls Hike • Lands End, San Francisco • Angel Island State Park • Cataract Trail Loop in Marin County • Coyote Creek Loop at Henry Coe State Park • Half Moon Bay Coastal Trail • Bay Area Wildflower Hikes • Bay Area Scenic Drives • Sunel Wilderness • Stanford Dish Hike • Grand Canyon: Kaibab to Bright Angel Trail • The Grand Canyon Rim Trail • Best Bay Area Backpacking • The High Sierra Trail • Best Bay Area Day Hikes • Great Hikes in the Grand Canyon • Queen's Garden Trail, Bryce Canyon Utah • Barry Creek Falls Loop at Big Basin Redwoods State Park • and more...

©2003-2012 Adam Schneider, adam@gpsvisualizer.com.

Postprocés

També hi ha aplicacions d'escriptori gratuïtes per fer aquestes mateixes tasques.

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Summary Files Reviews Support Develop Code

GPX Editor
by pixel_k

28 Recommendations
590 Downloads (This Week)
Last Update: 2012-08-21

Download
GPX_Editor-1.0383.zip

Browse All Files

Description

Load, modify and save your GPX 1.1 files. Add and remove waypoints, edit track and routes, simplify tracks (reducing file's size), clean recorded data, add and edit GPX metadata, edit waypoint, route and track properties, all with real-time preview.

[GPX Editor Web Site >](#)

Categories License
GIS, GPS (Global Positioning System) GNU General Public License version 2.0 (GPLv2)

Update Notifications

Recommended Projects

- Gpx Merge
- Routy GPS Track Editor
- Viking GPS data editor and analyzer

Recent Activity

- Aug 21 File released: /GPX Editor/Version 1.03...
- Aug 21 File released: /GPX Editor/Version 1.03.83
- Aug 21 File released: /GPX Editor - source/Vers...
- Aug 21 File released: /GPX Editor - source/Vers...
- Aug 12 Version 1.03.77
- Aug 12 File released: /GPX Editor/Version 1.03...
- Aug 12 File released: /GPX Editor/Version 1.03.77
- Aug 12 File released: /GPX Editor - source/Vers...
- Aug 12 File released: /GPX Editor - source/Vers...
- Jul 05 File released: /GPX Editor/Version 1.03...

GPS Track Editor Home Features Download Help About

GPS tracks as perfect as you wish!

Free Download

Version 1.03 beta, 7.5 MB | System requirements

GPS Track Editor is a Windows application to do everything with GPS tracks. With the current version you can:

- Load and save your GPS tracks
- Edit track segments
- Color

More features

is now available in GPS Track Editor right on the map. >>

and rearrange them easily with >>

news News archive RSS

ck Editor Terms of Use Privacy Policy

<http://www.gpstrackeditor.com/>

<http://sourceforge.net/projects/gpxeditor/>

Metadades EXIF



Filename : IMG_20121009_114836.jpg
JFIF_APP1 : Exif

Make : HTC
Model : HTC Desire S
XResolution : 72/1
YResolution : 72/1
ResolutionUnit : Inch
YCbCrPositioning : centered
ExifInfoOffset : 286
GPSInfoOffset : 502

ISOSpeedRatings : 76
ExifVersion : 0220
DateTimeOriginal : 2012:10:09 11:48:36
DateTimeDigitized : 2012:10:09 11:48:36
ComponentConfiguration : YCbCr
FocalLength : 3,53(mm)
FlashPixVersion : 0100
ColorSpace : sRGB
ExifImageWidth : 2592
ExifImageHeight : 1952
ExifInteroperabilityOffset : 472

GPSVersionID : 2,2,0
GPSLatitudeRef : N
GPSLatitude : 41 2213,292 [DMS]
GPSLongitudeRef : E
GPSLongitude : 2 920,778 [DMS]
GPSAltitudeRef : Sea level
GPSAltitude : 84800/1000 meters
GPSTimeStamp : 09:48:36
GPSMapDatum : WGS-84
GPSProcessingMethod : ASCIIGPS
GPSDateStamp : 2012:10:09
ExifR98
ExifR : R98
Version : 0100

On i com

OpenStreetMap
El mapa wiki lliure mundial

Cerca

exemples: 'Alkmaar', 'Regent Street, Cambridge', 'CB2 5AQ' o oficines de correus a prop Lünen
més exemples... On sóc?

L'OpenStreetMap és un mapa editable i lliure de tot el món. Està fet per gent com vos.

Les dades poden ser baixada i use lliurement sota la seva open license. Crea un compte d'usuari per millorar el mapa.

Ajuda
Centre d'ajuda
Documentació
Drets d'autor i llicència
Comunitat
Blocs de comunitat
Fundació
Diaris de usuari
Traces de GPS
Llegenda

Feu una donació

Hosting is supported by the UCL V/R Centre, Imperial College London and Bytemark Hosting, and other partners.

On: sobre la base gratuïta de tot el món
OpenStreetMaps, que és també un mapa d'edició col·laborativa (www.openstreetmap.org)

Com: amb Openlayers, que és un visualitzador gratuït de mapes dinàmics fàcilment programable (<http://openlayers.org/>)

OpenLayers

Home Support & Development
Sponsorship Documentation Download FAQ Email Lists Blog

OpenLayers: Free Maps for the Web

Get OpenLayers Now!

- 2.12 (Stable): tar.gz | zip
- 2.12 Release Notes
- API Documentation, User documentation
- See examples of OpenLayers Usage: Release Examples (2.12), Development Examples
- Fork us on GitHub

About..
OpenLayers makes it easy to put a dynamic map in any web page. It can display map tiles and markers loaded from any source. OpenLayers has been developed to further the use of geographic information of all kinds. OpenLayers is completely free. Open Source JavaScript, released under the 2-clause BSD License (also known as the FreeBSD).

Supporting OpenLayers
OpenLayers is developed and supported by a number of organizations around the world. We are also looking for sponsors to help support the community. If you are in a position where you want to support the development of OpenLayers, but do not have development resources to share, you may be interested in supporting through our sponsorship program.

For Developers!
OpenLayers is a pure JavaScript library for displaying map data in most modern web browsers, with no server-side dependencies. OpenLayers implements a JavaScript API for building rich web-based geographic applications, similar to the Google Maps and MSN Virtual Earth APIs, with one important difference -- OpenLayers is Free Software, developed for and by the Open Source software community.

Getting the Code
Releases are made available on the [downloads](#) page. The code is also available in our [Git repository](#). With a clone of the Git repository, you can keep up with the latest and contribute patches to OpenLayers.

If you don't want to download the code, you can still try some of the [hosted examples](#). If you're familiar with JavaScript, try viewing the source of the examples to get an idea how the OpenLayers library is used.

Put an open map widget in any web page!

Books about OpenLayers

OpenLayers Cookbook
Antonio Santiago Perez
Available in Print and eBook formats from Packt Publishing.

OpenLayers 2.10 Beginner's Guide
Erik Hazzard
Available in Print and eBook formats from Packt Publishing.

OpenLayers (in German)
Till Adams & Marc Jansen
Available from Open Source Press. Examples available online.

OSGeo
Your Open Source Compass
OpenLayers is a project of the Open Source Geospatial Foundation.

Visit our sponsorship page to find out how you can become an OpenLayers sponsor.

We welcome contributions of any size. If you're interested in supporting OpenLayers development, you can also use our Gittip account: [Gittip](#)

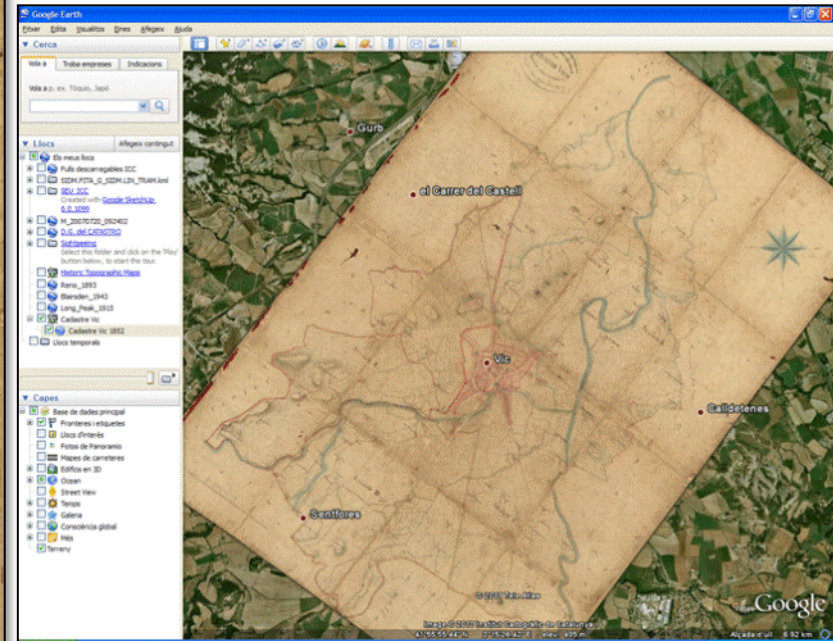
La georeferenciació: de mapa a mapa



El mapa paper penjat en un despatx com a quadre



El mapa digitalitzat: una imatge TIFF en RGB a 300 ppp de 594 MB

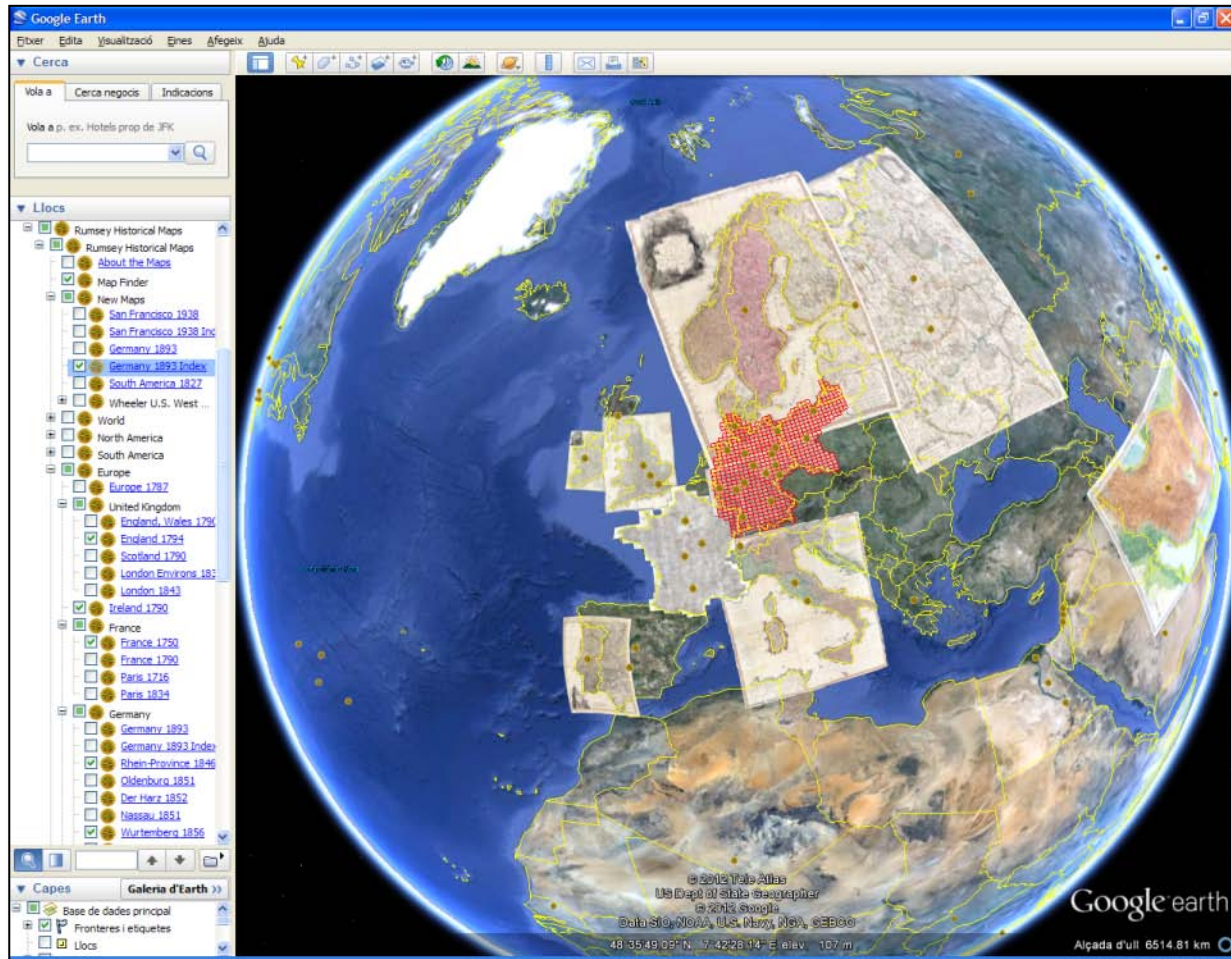


El mapa digitalitzat georeferenciat: superposició de capes a Google Earth

La digitalització converteix un mapa en imatge.

La georeferenciació dóna coordenades a la imatge que esdevé un “supermapa”

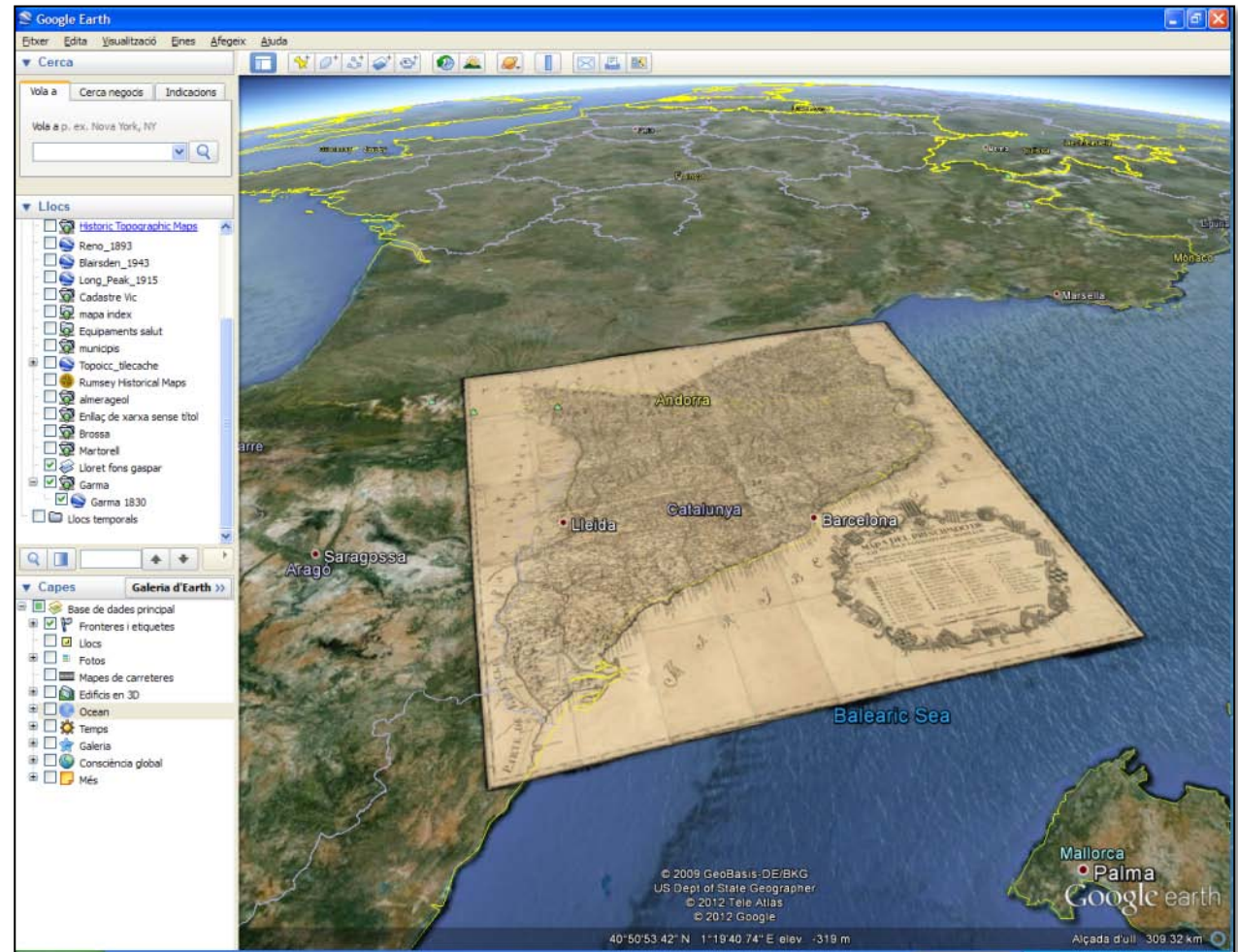
Georeferenciació: nous atributs a la imatge digital



- Visualització damunt un servidor de mapes
- Comparació amb imatges d'altres dates
- Visualització en 3D mitjançant un MDT
- Cerques gràfiques
- Incloure cartografia antiga en visualitzadors
- Agregadors generals de cartografia

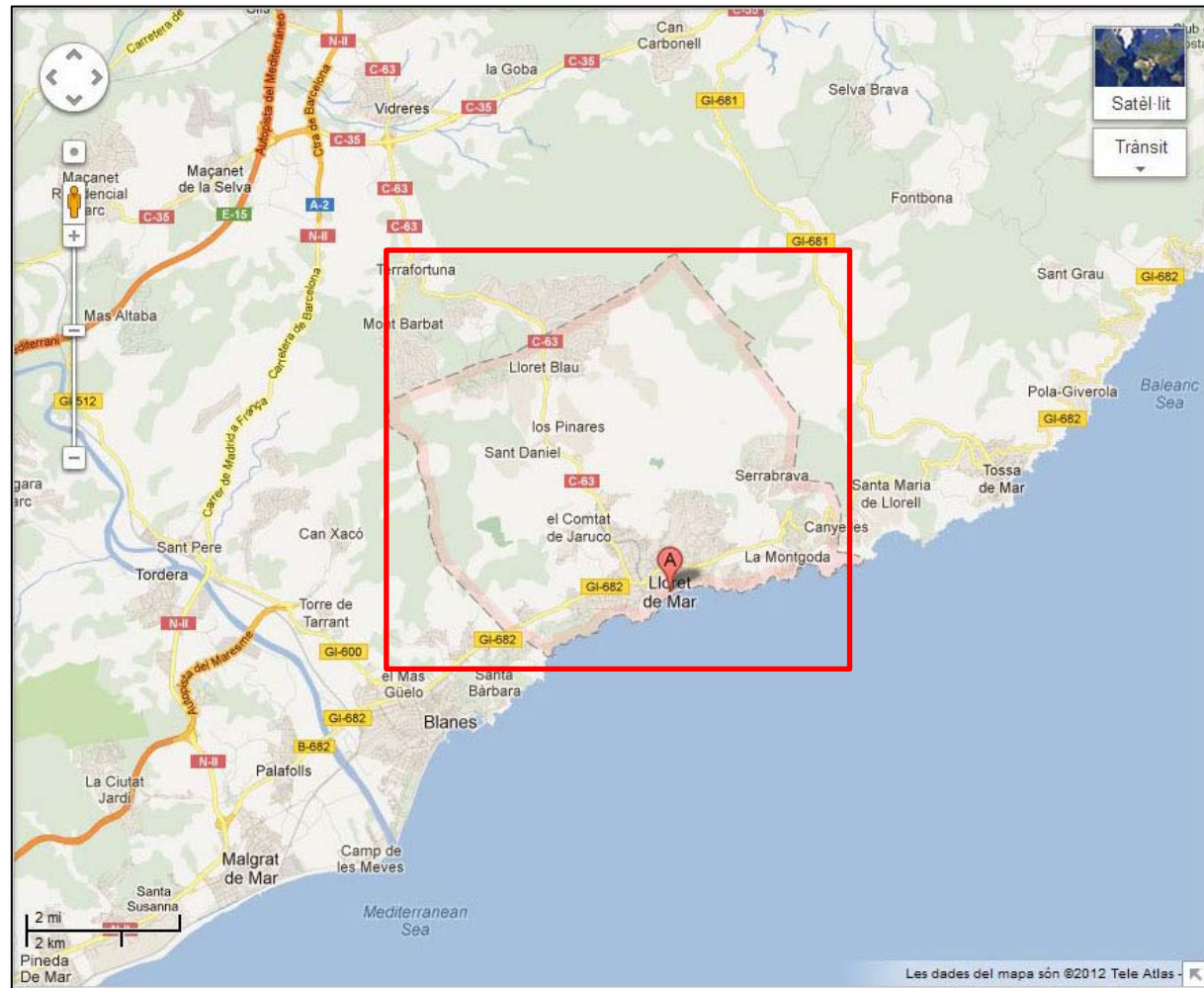
Georeferenciació: publicació al web

El document es pot
visualitzar a Google Earth i a
Google Maps.



Bounding box (bbox)

Rectangle contenidor d'un polígon



Estil Wikipedia

- Degrees, minutes and seconds must be separated by a pipe ("|").
- Map datum must be WGS84 (except for off-earth bodies).
- Avoid excessive precision (0.0001° is <11 m, 1" is <31 m).
- Latitude (N/S) must appear before longitude (E/W).

http://en.wikipedia.org/wiki/Wikipedia:WikiProject_Geographical_coordinates

Geographical coordinates

For draft guidance on, and examples of, coordinates for linear features, see [Wikipedia:WikiProject Geographical coordinates/Linear](#).

Quick guide:

Quick how to v · t · e

To add 57°18′22.5″N 4°27′32.7″W﻿ / ﻿57.306111111111°N 4.4588055555556°W﻿ / 57.306111111111; -4.4588055555556 to the top of an article, use {{Coord}}, thus:

```
{{Coord|57|18|22.5|N|4|27|32.7|W|display=title}}
```

These coordinates are in degrees, minutes, and seconds of arc.

To add 44.112°N 87.913°W﻿ / ﻿44.112°N 87.913°W﻿ / 44.112; -87.913 to the top of an article, use either

```
{{Coord|44.112|N|87.913|W|display=title}}
```

or

```
{{Coord|44.112|-87.913|display=title}}
```

These coordinates are in decimal degrees.

- Degrees, minutes and seconds must be separated by a pipe ("|").
- Map datum must be WGS84 (except for off-earth bodies).
- Avoid excessive precision (0.0001° is <11 m, 1" is <31 m).
- Latitude (N/S) must appear before longitude (E/W).

Optional coordinate parameters follow the longitude and are separated by an underscore ("_"):

- *dim*: *dim*:*N* (viewing diameter in metres)
- *region*: *region*:*R* (ISO 3166-1 alpha-2 or ISO 3166-2 code)
- *type*: *type*:*T* (landmark or city (30,000), for example)

Other optional parameters are separated by a pipe ("|"):

- *display*
 - |*display*=*inline* (the default) to display in the body of the article only,
 - |*display*=*title* to display in the title only, or
 - |*display*=*inline,title* to display in both places.
- *name*
 - name*=*X* to label the place on maps (default is *PAGENAME*)

Thus: {{Coord|44.117|-87.913|dim:30_region:US-WI_type:event|display=inline,title|name=accident site}}

Use |display=title (or |display=inline,title) once per article, for the subject of the article, where appropriate.

- Per **WP:ORDER**, the template is placed in articles after any navigation templates, but before any *Persondata* or *Defaultsort* templates, or *Categories*.
- For full detail, refer to {{Coord/doc}}.
- Additional guidance is available: [obtaining coordinates](#), [converting coordinates](#)

Geographical coordinates on Earth should be entered using a template to standardise the format and to provide a link to maps of the coordinates. As long as the templates are adhered to, a robot performs the functions automatically.

First, obtain the coordinates. Avoid excessive precision.

Two types of template are available:

- {{coord}} offers users a choice of display format through user styles, emits a Geo microformat, and is recognised (in the *title* position) by the "nearby" feature of Wikipedia's mobile apps and by external partners such as Google (-Maps and -Earth) and Yahoo.
- Infoboxes such as {{infobox settlement}}, which automatically emit {{Coord}}.

Depending on the form of the coordinates, the following formats are available.

For just degrees (including decimal values):

```
{{coord|dd|N/S|dd|E/W}}
```

For degrees/minutes:

```
{{coord|dd|mm|N/S|dd|mm|E/W}}
```

For degrees/minutes/seconds:

```
{{coord|dd|mm|ss|N/S|dd|mm|ss|E/W}}
```

where:

- *DD*, *MM*, *SS* are the degrees, minutes, seconds, listed in sequence
- *N/S* is either *N* or *S*, depending on which hemisphere, and
- *E/W* is either *E* or *W*, depending on which hemisphere
- negative values may be used in lieu of *S* and *W*

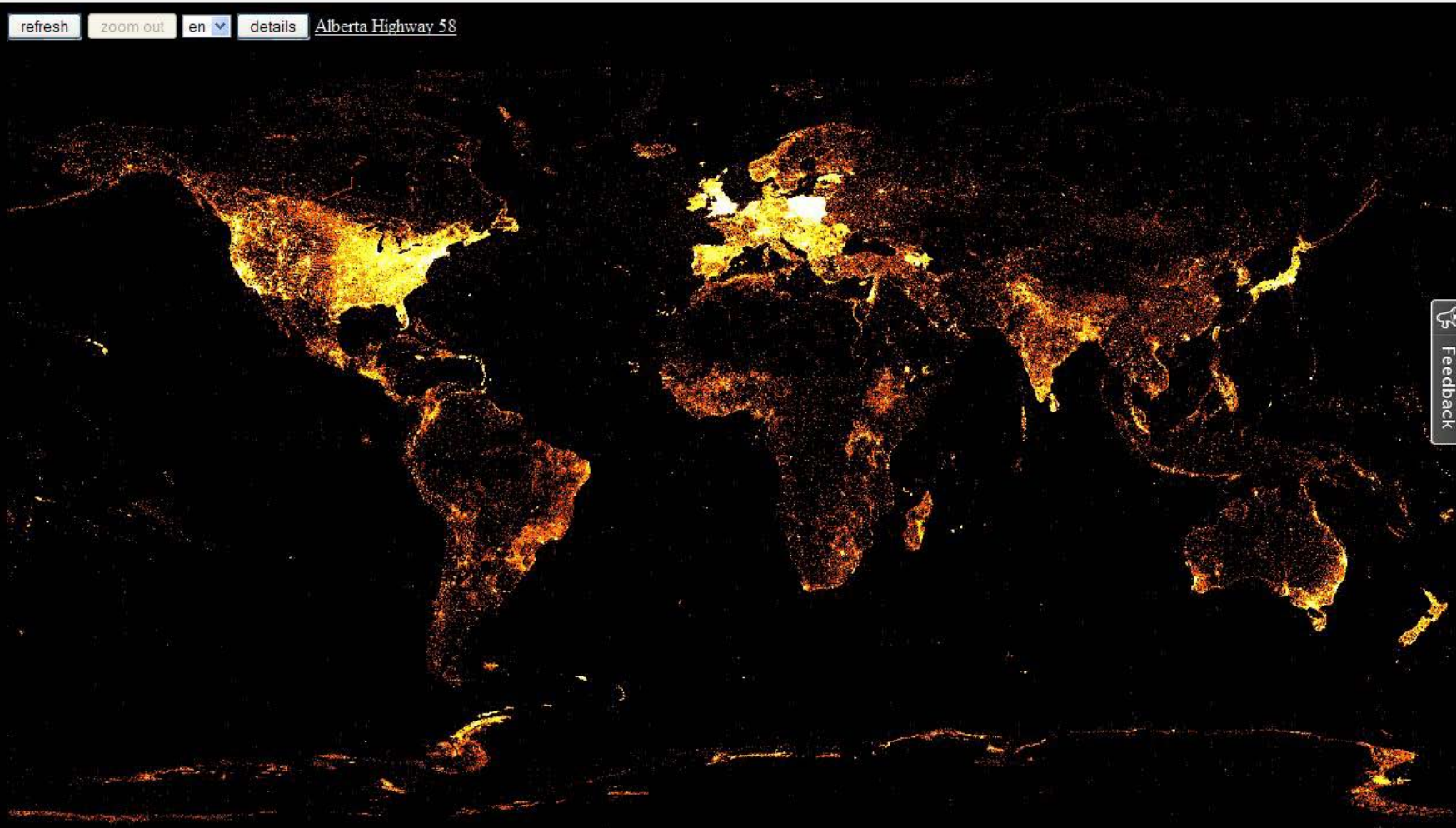
For example:

The city of Oslo, located at 59° 55′ N, 10° 44′ E, enter:

Hey infographic designers — join the marketplace to be connected to high paying and meaningful work

visual.ly Like

refresh zoom out en details Alberta Highway 58



Feedback

RETURN to load article. Double-click to zoom. Created 2012 by [Denny Vrandečić](#). Supported by [RENDER](#). Public domain. [More about this map.](#)



Les experiències col·laboratives

- Animeu els usuaris a participar en la georeferenciació de la web
 - Definint els punts geogràfics destacats
 - Afegint-hi textos, fotografies, informació natural o turística, etc
- Requereix:
 - Control per part del promotor (certesa, rigor, qualitat, etc.)
- Com es pot fer?

El Georeferencer a la Cartoteca de l'ICC

- Després d'unes primeres proves de georeferenciació manual es va veure que una digitalització massiva dels mapes de la cartoteca requeria molts recursos
- Es va valorar positivament la utilització d'una fórmula de crowdsourcing
- Avantatges
 - És molt fàcil d'utilitzar
 - Els usuaris fan la georeferenciació i s'obtenen beneficis per ambdues parts
 - Permet georeferenciar un nombre gran de documents
 - En cas d'èxit de la prova pilot es pot traslladar l'execució i les dades a l'entorn del client
- Inconvenients
 - És un servei que cal contractar
 - Les dades resideixen en el núvol del proveïdor del servei durant la prova pilot
 - Cal comprovar la qualitat de les georeferències

El Georeferencer a la Cartoteca de l'ICC

Projecte pilot d'un any de durada per al qual s'ha triat 999 documents de les col·leccions d'Àfrica, d'Amèrica, Catalunya, Espanya, Europa, fons FECSA, fons Monés, fotoplànols, minutes municipals i mapes de tot el món.



Resultats de la prova pilot

Xifra total de punts de control (GCP) assignats	16.154
Mitjana de GCP/document	16,17
Màxim número de GCP	246
Mínim número de GCP	5
Participants diferents	88
Durada en dies	24
Documents georeferenciats	999



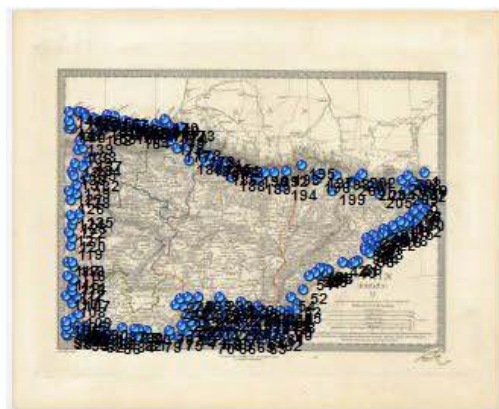
Georeference Visualize Accuracy This map

[Instructions for this tool](#)

[Georeference another map](#)

Control points

Clip



Find a place

SAVE



Gamification (joquificació?)

El joc i la competició com a motors per afavorir la participació.

La recompensa és important.

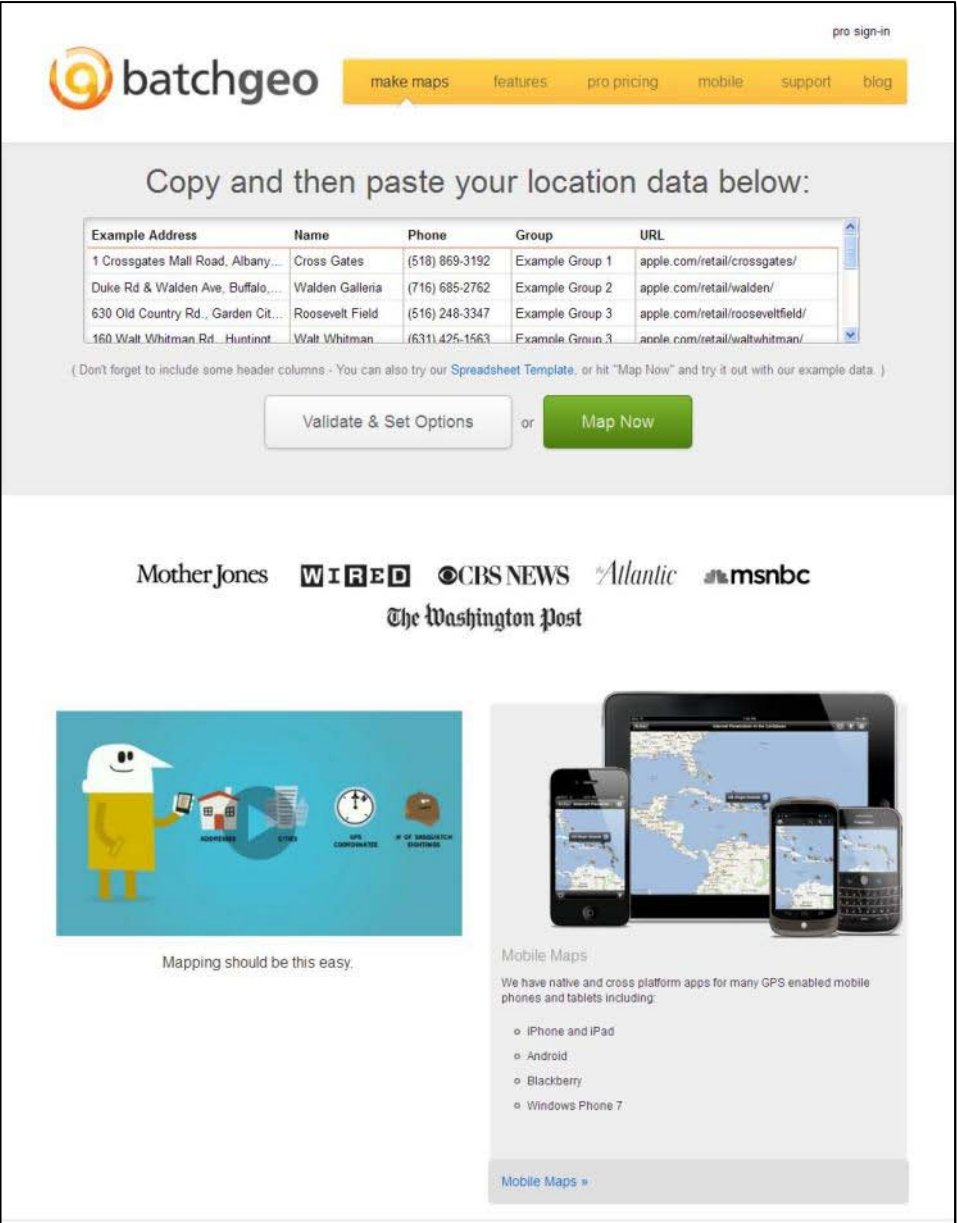
<http://gamification.org/>

The screenshot shows the homepage of the Gamification Wiki. At the top, there is a navigation bar with links for 'Page', 'Discussion', 'Read', 'View source', 'View history', and a search box. The main heading is 'Gamification Wiki' with a sub-heading 'Welcome to Gamification Wiki'. Below this, there is a paragraph defining gamification as the concept of applying game-design thinking to non-game applications. A featured image shows Al Gore with the text 'Games are the new normal'. To the right, there are several promotional banners: 'Exclusive Gamification Sponsor' for Badgeville, 'Gamify America' for the 2012 election, 'Featured Conferences' for the LOGIN Conference, and 'Content Partners' for various media outlets. At the bottom, there is a section for 'As seen on' with logos for VentureBeat, Mashable, TechCrunch, Forbes, Entrepreneur, and TNW.

Eines online

Permeten obtenir un mapa a partir de dades, ja que georeferencien o geolocalitzen i publiquen el mapa a la web fàcilment.

<http://batchgeo.com/en/>



pro sign-in

batchgeo make maps features pro pricing mobile support blog


Copy and then paste your location data below:

Example Address	Name	Phone	Group	URL
1 Crossgates Mall Road, Albany...	Cross Gates	(518) 869-3192	Example Group 1	apple.com/retail/crossgates/
Duke Rd & Walden Ave, Buffalo,...	Walden Galleria	(716) 685-2762	Example Group 2	apple.com/retail/walden/
630 Old Country Rd., Garden Cit...	Roosevelt Field	(516) 248-3347	Example Group 3	apple.com/retail/rooseveltfield/
160 Walt Whitman Rd., Huntinot	Walt Whitman	(631) 425-1563	Example Group 3	apple.com/retail/waltwhitman/


(Don't forget to include some header columns - You can also try our [Spreadsheet Template](#), or hit "Map Now" and try it out with our example data.)

Validate & Set Options or Map Now

Mother Jones WIRED CBS NEWS Atlantic msnbc
The Washington Post



Mapping should be this easy.



Mobile Maps

We have native and cross platform apps for many GPS enabled mobile phones and tablets including:

- o iPhone and iPad
- o Android
- o Blackberry
- o Windows Phone 7

[Mobile Maps »](#)

Eines online

Google Drive

About Fusion Tables Search Example Gallery Help See my tables

Two tables are better. Get more from data with Google Fusion Tables.
Bust your data out of its silo! Combine it with other data on the web. Collaborate, visualize and share.

Location	Count
Share...	8,355,260
Geocode...	1,340,415
Merge...	10,754,528
Create view...	81,882,342
Import more rows...	7,606,551
Download...	793,963
Czech Republic	10,476,543
...	...

Coffee worldwide 2011

File Edit Tools Help

Handle bigger data
Filter and summarize across hundreds of thousands of rows. Then try a chart, map or different layout.

Extend your knowledge
Find public data and merge it in with your own. Now putting your data in context is a breeze.

Collaborate using Google Drive
All your data organization is automatically saved and stored in Google Drive.

Get started!
Play around in a live Fusion Table or get a head start with tutorials.

Google · Privacy & Terms · Google Fusion Tables for data publishers · Fusion Tables is an experimental application from Google Research

Algunes més enfocades a les dades i d'altres a l'aspecte del mapa, totes són amigables.

GIS Cloud

Build or browse for the enterprise geo app you need.

Your App

Use our enterprise geo platform to build and deploy your own GIS solutions in the Cloud. If you're a vendor wanting to augment your apps and know-how with the Cloud contact us for an

Read More

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Mapbox helps you design beautiful maps and publish them across the web and mobile devices at scale. Our open source tools and cloud infrastructure are the base of a new kind of platform, making maps more social. Explore some of the projects powered by our platform.

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OCT 02 2012 Powerful Custom apps with Mapbox: The

SEP 23 2012 5th Session on OpenStreetMap at Portland


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Eines online

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Boston Research Map

Build your own mapping portal and publish it to the world or to just a few collaborators. WorldMap is open source software.

[Watch the WorldMap Quick Start video](#)

WorldMap is being developed by the [Center for Geographic Analysis](#) at [Harvard University](#).

[Need Help?](#) [Contact Us](#) [Blog](#) [Source Code](#) Copyright 2011 © The President and Fellows of Harvard College

Quasi totes aquestes opcions ofereixen plans gratuïts per provar l'eina.

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Featured use case // Welcome to 1940s New York
In 1943, four NYC newspapers published a local market analysis aimed at advertisers. It was based on the 1940 Census and included hundreds of graphics, color-coded retail level maps, statistics and narratives about the city's neighborhoods. Now, the relative is making this information available in an amazing project using CartoDB. [Check it out!](#)

CartoDB is used by

For Journalists
Deliver data-driven, complex stories through dynamic visualizations. [Learn more](#)

For academics
Create and share scientific, data-driven maps for your research or classes. [Learn more](#)

For NGO's
Provide transparency and open data publishing your projects on the web. [Learn more](#)

Get access to our free plan
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As seen on our Blog

Torque: Big data meets time-based maps, bundled with CartoDB 2.0
At CartoDB, it is our goal to give our users the tools necessary to create compelling visualizations with their data. We are continuously looking for... [Read more](#)

Getting creative with CartoDB
The combination of styling with SQL on CartoDB gives a surprising range of freedom to create data visualizations. I find myself often thinking about... [Read more](#)

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Publicació de GIS al web

Qgis disposa d'una eina online, amb una versió gratuïta, que permet publicar els mapes (projectes GIS) directament a la web.

QGIS Cloud Documentation Plans Login EN

QGIS Cloud hosting
Publish your own maps directly from the desktop
It's free to get started and sign up is instant. Publish your first map within minutes.
[Sign Up](#)

5. Publish Map

Recent Maps

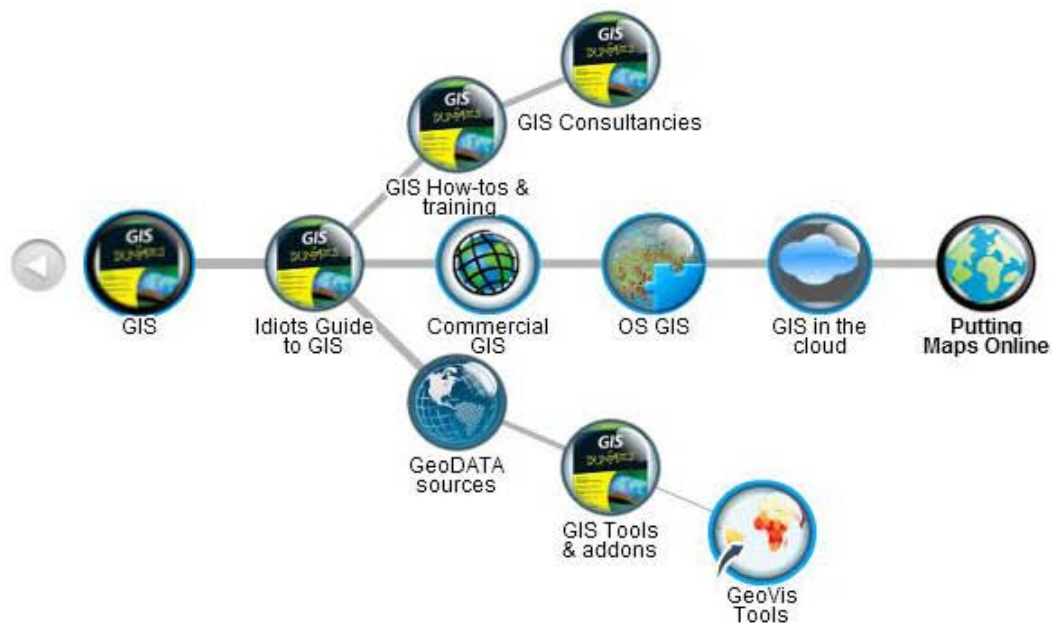
gnglia_2	mapsqgi	hun	tests	online	OI-201	mt_fir	QGISCI	qgis_c...	Magic	republiek
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Popular Maps

corine	spaciald	demo	testweb	qgiscl...	prueba	solarl...	qgisCl	weba	pyarch	trailr...	qgiscl...
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Pearltrees, per organitzar-se la web



Putting Maps Online

by drbazuk

111 pearls

1 728 views



no comment

no pick

pick this pearltree



http://www.pearltrees.com/#/N-fa=2191657&N-u=1_206308&N-p=32430985&N-s=1_4076555&N-f=1_4076555

Un projecte abandonat

MetaCarta el 2006 va crear una demo d'una possible eina per mapejar el contingut geo dels llibres: Gutenkarte.

Però el van abandonar.

<http://metacarta.wordpress.com/2008/07/09/using-the-geoweb-to-visualize-literature/>

Es podria programar de nou a partir de les funcions que exposen al seu web


<http://www.metacarta.com/products-platform-geotag.htm>

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THE METACARTA BLOG

Integrating content and maps

Feeds: [Posts](#) [Comments](#)



« Do you believe that panoramic mapping and advertising will become widely used? [Geospatial Organizations Form a Coalition](#) »

Using the Geoweb to Visualize Literature

July 9, 2008 by rachelidillon

When I'm not producing MetaCarta's technical documentation, I study literature, and I've often thought about how our various products might be useful in my study. I'm not the first person to have this idea — a couple of years ago, a colleague put together a site called, "Gutenkarte", which mapped a limited number of public domain books. Older books, unfortunately, can be difficult to parse geographically; the names of places have changed in the past hundred or thousand years, and the relative importance of different places with the same name has changed as well. But some more recent books are available under the public domain, and I've been able to use MetaCarta's tools to get interesting maps from them.

I first experimented with *Ulysses* and *Finnegans Wake*, as James Joyce is one of my favorite authors, and the full text of each is available at [Finnegans Web](#). While these novels are recent enough that the place names and relative importance are similar to today's, there is a different problem with them: The structure of the average sentence is very different from the structure of a news report or scientific paper. In fact, the structure of *Finnegans Wake* is very different from pretty much everything, so I decided to stick with *Ulysses*.

I ran the first chapter of *Ulysses* through the MetaCarta OnDemand GeoTagger. You can experiment with the GeoTagger at the [MetaCarta JSON API Explorer](#). By choosing the `getEnhancedLocationReferences` option and clicking the PNG link in the upper right-hand corner of the JSON API Explorer, I got an image like this:




Image 1: Unfiltered geographic points of interest in chapter one of *Ulysses*

This image includes a number of place locations that are definitely references in the text, such as those in Ireland, as well as some locations that are incorrect tags like "Mulligan, Texas." (Mulligan is the last name of one of the characters in

The **MetaCarta Blog** is a community site dedicated to discussing issues relating to the integration of maps, content, and the Internet.

RECENT POSTS

- [Using GPS to Tax Drivers for Their Use of Roads](#)
- [Personal Navigation Wish List: A Host of New and Enhanced GIS Apps Enable People to Do More](#)
- [Mapping from the Sky: What's New in Remote Sensing](#)
- [The Special Significance of GIS Day](#)

TAGS

AP Apple CAD COGO Digital Globe Finnegans Wake first-person geomapping Galdos GeoEye geographic geomatics **Geospatial** geotagging Geoweb GIS GNSS Google Google Books Google Earth Google Maps **GPS** Gutenkarte interior geomapping iPhone KML LBS LIDAR Loopt mapping Mapquest **MetaCarta** Nokia NSDI NSGIC OGC Open Geospatial Consortium panoramic advertising panoramic map Rachel Dillon RS smart phone surveying Ulysses Virtual Earth Weiss-Malik.

ARCHIVES

January 2009

Un possible relleu

The Software Environment for the Advancement of Scholarly Research (SEASR), funded by the Andrew W. Mellon Foundation, provides a research and development environment capable of powering leading-edge digital humanities initiatives.

<http://seasr.org/>

Tenen un mòdul per fer buidats d'ubicacions a partir d'un text i mostrar-ho a Google Maps

<http://seasr.org/documentation/example-flows/location-entities-to-google-map/>

The screenshot displays the SEASR web interface. At the top, there is a navigation bar with links for Download, News, Documentation, Support, and References. Below this, a search bar and a 'KEYWORD CLOUD' section are visible. The main content area features a breadcrumb trail: 'Documentation > Text Mining Application > Location Entities To Google Map'. A 'Print' icon is present. The title 'Location Entities To Google Map' is followed by the post date: 'Posted by admin on May 15 2012 06:33:47pm'. The text describes the use of information extraction to extract location entities and display them on a map. It includes a list of 'Keywords' (google, opennlp, information extraction, location, visualization, map) and two buttons: 'Execute' and 'Custom Execute'. To the right of the text is a map of the United States with numerous red location markers. A 'Documentation' sidebar on the right lists various tools and applications, including 'Overview', 'Text Mining Overview', 'Data Mining Application', 'Decision Tree', 'NaiveBayes', 'Frequent Pattern Mining for Discovery', 'Text Mining Application', 'Flesch-Kincaid Readability Test', 'Tag Cloud Viewer', 'Ngram Tag Cloud Viewer', 'Text Summarizer', 'Date Entities to Simile Timeline', 'Location Entities To Google Map', 'OpenNLP Entities To Protovis Network Graph', 'Google Search To Entities To Protovis Network Graph', 'Google Search To Tag Cloud Viewer', 'Multimedia Applications', 'NEHA's Son of Blinkie', 'SEASR Analytics for Zotero', 'UIMA and SEASR', 'Frequent Pattern Mining from UIMA Data', and 'Sentiment Tracking'. Below the main content, there are 'Flow URI' and 'Location URI' fields, a 'Related Posts' section with links to 'Google Search To Entities To Protovis Network Graph' and 'Date Entities to Simile Timeline', and a 'Leave a Reply' form with fields for Name, Mail, and Website, and a 'Submit Comment' button. The footer contains the text 'Funded by the Andrew W. Mellon Foundation and partnering with the University of Illinois Urbana-Champaign' and 'Powered by Meandre', along with the NCSA logo.

Un entorn operatiu

Emprant les dades de Geonames i OpenStreetMaps, en total 42 milions d'elements, ofereixen diversos serveis web de geocodificació i geolocalització.

<http://www.gisgraphy.com/>

Gisgraphy
Free opensource geocoder and webservices for geonames and openstreetmap data

Home Download Documentation Community Free online webservices Developer zone Premium

Free, open source, and ready to use geocoder and geolocalisation webservices

Gisgraphy : Easy geocoding for humans !

Gisgraphy is a free, open source framework that offers the possibility to do geolocalisation and geocoding via Java APIs or REST webservices. Because geocoding is nothing without data, it provides an easy to use importer that will automatically download and import the necessary (free) data to your local database (Geonames and OpenStreetMap: 42 million entries). You can also add your own data with the Web interface or the importer connectors provided. Gisgraphy is production ready, and has been designed to be scalable(load balanced), performant and used in other languages than just java : results can be output in XML, JSON, PHP, Python, Ruby, YAML, GeoRSS, and Atom. One of the most popular GPS tracking System (OpenGTS) also includes a Gisgraphy client...read more

Get started --

NEW - Check Gisgraphy relevance by comparing results from several geocoders

What's new :

- Gisgraphy is candidate to the Dataconnexions competition, launched by the french government via the ETALAB mission. The goal is to promote the usage of open data and encourage projects that use it.
- To follow the one version / per year (and after more than one year of development), I am proud to announce that the Version 3.0 of Gisgraphy is now available in a major version where a LOT of functionalities has been added. See Why you should update... You can try it here.
- Read more news

Webservices overview :

All the webservices are world wide (243 countries), supports pagination. Actually there is 6 (web)services, all are available for free at <http://services.gisgraphy.com>. It also gives some HTML pages that uses the webservices under the hood. Find below a summary for each webservices :

<p>Geocoding Give an Address and get its GPS position in 243 countries. Doc REST API Java API Demo Free access</p>	<p>Reverse geocoding / street search Give a GPS position and get the corresponding address. Doc REST API Java API Demo Free access</p>
<p>Street search Find streets and its associated informations, for a given text (and an optional GPS point) Doc REST API Java API Demo Free access</p>	<p>Find nearby Find places, streets, whatever you want, around a GPS point for a given radius. Results can be sorted by distance. Doc REST API Java API Demo Free access</p>
<p>Fulltext search For a given text or sentence and an optional GPS point, Find places, streets, zip codes,... and its associated informations such as GPS position, administrative divisions, population, elevation, alternate names in other spoken languages, wikipedia link (... more than 50 other informations). Spellingchecking, all words required or not... Doc REST API Java API Demo Free access</p>	<p>Address parser Divide a single address (as string) into its individual component parts : house number, street type (bd, street, ...), street name, unit (apt, batiment, ...), zipcode, state, country, city. Doc REST API Java API Demo Free access</p>

GISGRPHOID

Gisgraphoid is a library to do geocoding on your Android mobile or tab with the same Geocoder API as Google but with Gisgraphy. Run on all Android versions, free, no Google API needed by the phone, no API key, no limit. You can display the result on Openstreetmap or Google maps (Google API key required)
Learn More | Download library | Download Demo app

A little bit further...

- Importers from geonames CSV files. Just give the country(ies) you wish to import and / or the placetypes, and Gisgraphy download the files and import them with all the alternateNames (optional), and sync the database with a fulltext search engine
- All Openstreetmap data processed in csv format (new data)

Un projecte europeu

Projecte de recerca amb fons europeus per al període 2012-2016 per analitzar textos en un entorn SIG: Spatial Humanities

<http://www.lancs.ac.uk/spatialhum/index.html>


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SPATIAL HUMANITIES

TEXTS, GEOGRAPHIC INFORMATION SYSTEMS AND PLACES


EXPLORING SPACE AND TIME

IN LITERATURE, HISTORY & THE HUMANITIES



This five-year project runs from 2012-16, funded by the European Research Council under a Starting Researcher Grant. The project aims to create a step-change in the way that place, space and geography are explored in the humanities. Building on Lancaster's technical expertise in Digital Humanities, Corpus Linguistics and Historical Geographical Information Systems (HGIS) and applied expertise in Lake District literature and social history, the project is developing and applying methodologies to allow unstructured texts - including books, newspapers and official reports - to be analysed in a manner that stresses space, place and mapping. [More...](#)

OUR RESEARCH



GIS & spatial analysis of texts. We are developing GIS & spatial methodologies for the analysis of texts in literature, history and the humanities. These methods are

Corpus Linguistics & Collocation Analysis. Corpus Linguistics uses computerised techniques to summarise and analyse large bodies of text known as

NEWS

We are a very active team. From field trips to conferences, you can read all our news in this section and you can contact us if you want to participate in any of our future activities.

FREE EVENT: GIS in the digital humanities: One day seminar. Come to the first in our series of training events. [More information here.](#)

We just launched our **Learning Resources** section. [Visit it here.](#)

David Cooper recently travelled to Istanbul to take part in a major European conference. [More...](#)

Part of the project team recently visited the nearby Lake District as we wanted to re-trace some of the everyday walks Dorothy

Bibliografia i referències

Atles Literari Europeu

<http://www.literaturatlas.eu/?lang=en>

Search Website here

English Deutsch

A LITERARY ATLAS OF EUROPE

HOME PROJECT CURRENT RESEARCH PUBLICATIONS RESEARCH MATERIAL RESEARCH TEAM PRESS GUESTBOOK IMPRINT

Mapping and Analysing the Geography of Fiction with interactive Tools

TOWARDS A GEOGRAPHY OF FICTION

It all starts with the supposedly simple questions: Where is literature set and why there? Europe offers an abundant wealth of fictionalised landscapes and cities. The nascent research area of literary geography / literary cartography aims at visibly rendering such complex overlays of real and fictional geographies. Against this background that an interactive prototype of a »Literary Atlas of Europe« is currently under development at the Institute of Cartography and Geoinformation, ETH Zurich.

STATISTICAL SURFACES WITH PSEUDO-3D-EFFECTS

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PUBLICATIONS

LITERARY CARTOGRAPHY AN IMPULSE GENERATOR

Barbara Piatti From the text to the map – Literary geography an impulse generator (Original title: Vom Text zur Karte – Literaturkartographie als Ideengenerator) → Download at the bottom of the page Piatti, Barbara (2012): Vom Text zur Karte. Literaturkartographie als Ideengenerator. In: Kartographisches Denken. Hrsg. von Christian Reder. Wien: Springer 2012, S. 269-279. → Download

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New publications 2012

From the text to the map – Literary geography an impulse generator

Rendering visible literary landscapes. A Plea for Experiments between Cartography and Literary Studies

Reading with Maps. Plea for a visualised Geography of Fiction

HISTORICAL NOVELS SET IN PRAGUE

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The maps settings are described and quite different from those in fiction. Some settings are more prominent than others. The maps settings are described and quite different from those in fiction. Some settings are more prominent than others. The maps settings are described and quite different from those in fiction. Some settings are more prominent than others.

SINGLE OBJECT MAPS

POSTER SESSION

In connection with the presentations of the ongoing doctoral thesis of Anne-Kathrin Reuschel (which deals with all technical and cartographical questions of the »Literary Atlas of Europe«) a poster was prepared, that summarizes the atlas project.

Bibliografia i referències

Bibliografia extensa

<http://literarygeographies.wordpress.com/>

literary geographies

une bibliographie de travaux en français

Bally, Antoine. 1977. *La perception de l'espace urbain*. Centre urbain d'urbanisme. Paris.

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Breux, Sandra. 2008. "Ces spectres agités (Louis Hamelin, 1991) Analyse géocritique." *Cahiers de géographie du Québec* 52 (147) (December): 471-487.

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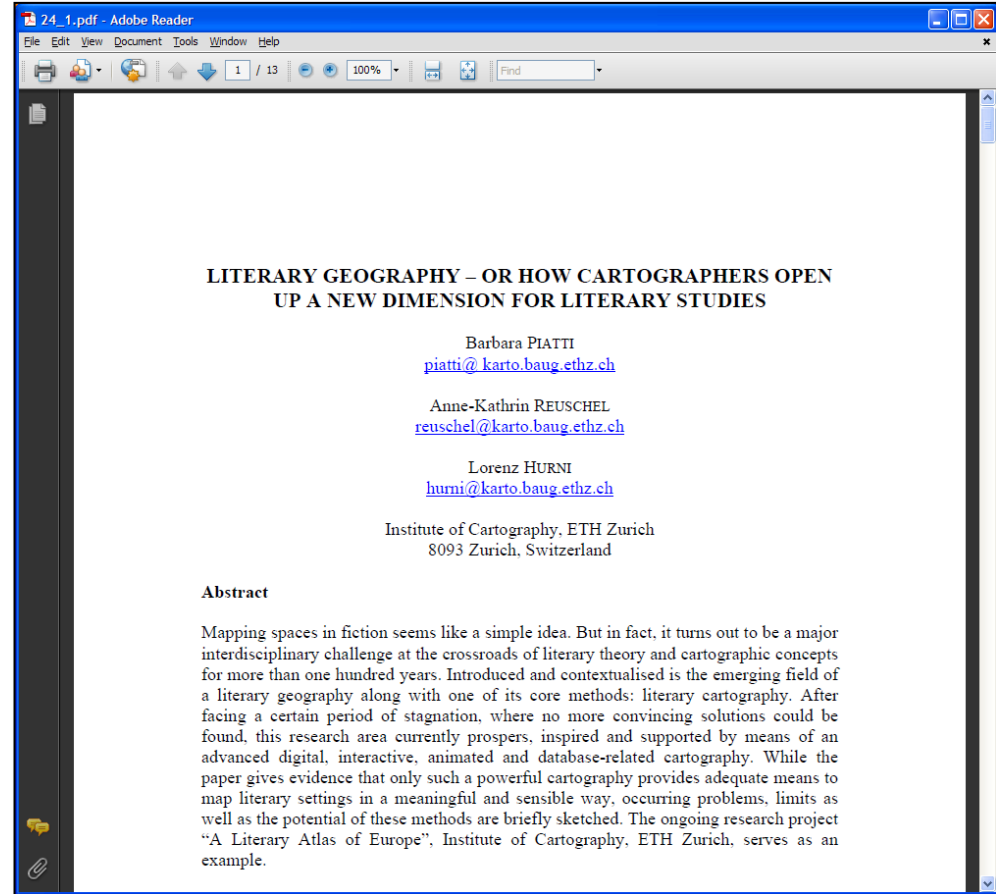
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Literary geography

http://icaci.org/files/documents/ICC_proceedings/ICC2009/html/nonref/24_1.pdf

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Literary Geographies – Virtual Theme Issue

SEPTEMBER 26, 2012 BY STUART ELDEN 1 COMMENT

If Geography is sometimes said to be about placing things in context, how does it engage with the question of text? (While there have been many debates about the texts of theory, here the emphasis is on literary texts – plays, poems, and novels. Literary theory has proved useful for geographical debates, with deconstruction, new historicism, cultural studies, feminism, Marxism and structuralism proving influential at different times. A classic example from this journal is James Duncan and Nancy Duncan's discussion of the uses of literary theory to read landscapes (1982). Rather than we want to look at how geographers – whether within the discipline Geography or without – have read works of literature.

An early issue of this journal published a kind of theoretical manifesto by John Silk (1984) for going beyond existing approaches to Geography and Literature: a piece regularly referenced in subsequent discussions of this topic (see also Pocock 1988). It is made available again here. Silk co-wrote a later book looking at portrayals of African-Americans in American popular culture, both film and fiction (1990). A list of books or book chapters on geography and literature would be vast, but geographical perspectives have also been offered in multiple journals in the field. They range from classic established literary authors and texts such as Shakespeare (Mayhew 1998; Chamberlain 2001; Elden forthcoming), Orwell's 1984 (Tyner 2004); Rushdie's *The Satanic Verses* (Sharp 1986); Geouff (Elden 2009); Conrad's *Heart of Darkness* (Barnett 1996); and Kerouac's *On the Road* (Cresswell 1993), to the more recent, genre-specific, challenging or unusual (Buckley 1996; Gilbert 1995; Doel 2001; Kitchen and Kneale eds. 2002; Closs-Stephens 2011; Kneale 2006, 2011; Brown 2009; Romanillos 2008; Dittmer 2010). There have been some previous collections in journals on this theme – *GeoJournal* (1996) and the *Cahiers de géographie du Québec* (2006). Recently Sheila Hones and James Kneale have created the *Literary Geographies* blog – which with its extensive bibliographies has quickly become the authoritative reference point for work in this area.

Especially given the resources of that site, this is the not the place for a comprehensive overview (see Hones 2008; Lando 1996). Rather we want to highlight four areas in which papers published in *Society and Space* have developed some interesting perspectives on the interrelations of geography and literature.

The first are papers that use literary texts to examine questions of postcolonialism. From a rich collection of papers (see also Schech and Haggis 1998; Szug 2003, for example), two have been chosen: Clive Barnett's discussion of South African writer J.M. Coetzee (1997), which uses his work to analyse the postcolonial theorizations of Spivak and Parry; and Pat Noyolo, Parvati Raghuram and Claire Madge's readings of postcolonial texts through the metaphors of pregnancy and lactation (2006). The authors discussed in the latter piece are Zee Edgell and Toni Morrison, but the purpose is wider: to reflect on Geography as a global discipline and its colonial/postcolonial tensions.

That paper could equally have served as an exemplar of the next area, feminist readings of texts. Two further examples are offered here – Mandy Morris's discussion of Frances Hodgson Burnett's children's novel *The Secret Garden* (1906) and Juliet Fall's critique of the embodied geographies and uncritical geopolitics of the comic books *La Frontière Invisible* (2006).

The third of the areas is poetry. Two papers are chosen here. The first is Jason Orives on the poet Paul Celan (2011). This paper was originally published as part of a theme issue on *Aerographies* edited by Mark Jackson and Maria Farnin (2011; see also the open site companion piece [here](#)) which includes other pieces that discuss literary texts. The second is John Tomany's reading of the Irish poet and novelist Patrick Kavanagh (2010; see also 2007).

The fourth area, though most of the papers already noted would also fit here, is what might be called a kind of politicised literary geography, where literary texts are used to shed light on the complex interrelations between politics and space in ways other sources may not allow. Two papers are selected here: Nuala Johnson's reading of Eoin McNamee's novel *Resurrection Man* for its insights into 1970s Belfast (1998), and Joe Galbo's discussion of the Italian Fascist Gabriele D'Annunzio (1996).

Finally, the journal has recently brought together a number of people reflecting on the importance of fiction to their own writing as geographers, whether or not they would describe their work as literary geographies (Thomas et al. 2011). That piece rounds off this selection.

These ten papers, ranging from the 1980s to the present decade showcase just some of the papers in this journal that have contributed to discussions of literary geographies. As well as being of considerable interest in their own right, we hope they inspire future explorations in this area.

Papers in this Virtual Theme Issue – open access until end of November 2012

Barnett Clive 1997 "Sing Along with the Common People": Politics, Postcolonialism, and Other Figures", *Environment and Planning D: Society and Space* 15(2): 137 – 154

Fall, Juliet J. 2006, "Embodied Geographies, Naturalized Boundaries, and Uncritical Geopolitics in *La Frontière Invisible*" *Environment and Planning D: Society and Space* 24(5): 653 – 669

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"On the network, off the map": developing intelligence and intergender differentiation in rural water supply Trevor Bicknell

Mapping children's politics: the promise of articulation and the limits of nonrepresentational theory Katharine Mitchell, Sarah Elwood

City becoming world: Nancy, Lefebvre, and the globalurban imagination David J Madden

State encounters Rhys Jones

Water, technology, and development: transformations of development technonatures in changing waterscapes Farhana Sultana

Scaling sustainable development? How voluntary groups negotiate spaces of sustainability governance in the United Kingdom Andrew P Kijthreuts, Andrew E G Jonas

Landscapes of performance: staking as choreography Elaine Campbell

Free play and the foreclosure of New Babylon Gerald Keane

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- o **Match:** Matching can be set so that your search results match **All** of the terms in your string (Journal Article will find both words in any order), **Any** of the terms (Journal Article Metadata will find any of those words), or two or more terms combined with Boolean logic ((Journal and Article) not Metadata).
- o **Format:** Long will list the titles, plus an excerpt showing the search string in its context, from either the contents of the <META> tag, an extract of text containing the search word, or the initial text on the page. Short will display only a list of titles.
- o **Sort:** Sort by Score will list results in rank order. Time will list results ordered by date they were last updated, and Title will list results alphabetically. The sort orders may be reversed.

The search is **case-insensitive**, so identical results will be found for "smith" or "SMITH". The search facility gives each page a **one to five ☆ (star) rating**. The present version of the search engine software only allows for searching on words rather than complete phrases. If you enter "Reference Linking Service", the search will return all pages containing all three words, in any order. Searching on "Discuss" will return "Discussion" and any other words beginning with "Discuss". Quotes are ignored.

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 Software Agent-Oriented Frameworks Meet Georeferenced Digital Library Interoperability Zakaria Maamar, Bernard Moulin, Yvan Bédard, and Gilbert Babin Computer Science Department and Research Center on Geomatics Laval University, Ste-Foy, QC G1K 7N4, Canada {maamar, moulin, babin}@ift.ulaval.ca, yvan ...
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 GEOREP A WWW Customizable Georeferenced Digital Library for Spatial Data GEOREP Un géoportail personnalisable sur Internet pour les données spatiales Marie-Josée Proulx, M.Sc., research professional Yvan Bédard, Ph.D., professor and researcher François Lévesque, B.Sc.A, M.Sc. candidate Christian ...
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Issues in Georeferenced Digital Libraries ☆☆☆
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Eines i procediments

Roset, R.; Ramos, N. (2012):

Georeferenciación de mapas antiguos con herramientas de código abierto. Un caso práctico .

Revista Catalana de Geografia
IV època / volum XVII / núm. 45 / juny 2012

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Autor/s: Roset, R.; Ramos, N.
 Institut Cartogràfic de Catalunya
Títol: Georeferenciación de mapas antiguos con herramientas de código abierto
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GEOREFERENCIACIÓN DE MAPAS ANTIGUOS CON HERRAMIENTAS DE CÓDIGO ABIERTO

Rafael Roset, Noèlia Ramos
Institut Cartogràfic de Catalunya

Introducción

En el año 2007 el Institut Cartogràfic de Catalunya (ICC) inauguró sus colecciones digitales de mapas y fotografías con el repositorio de la Cartoteca Digital¹. En 2012 ha superado las 34.000 imágenes en alta resolución de mapas y fotografías antiguas, documentos muy valiosos por su información pero que todavía tienen una carencia importante: no tienen geometrados asociados, y por lo tanto no son todavía "geoinformación". Tras esta experiencia hemos constatado que existe la necesidad de disponer de información georeferenciada en múltiples ámbitos de actividad, tanto académica como de negocio.


Algunas instituciones innovadoras han trabajado esta vertiente y ya han georeferenciado sus materiales cartográficos, tanto para facilitar la visualización -mediante Google Maps o Google Earth como en la colección de David Rumsey²-, como para poner en marcha un buscador geográfico como en el caso del proyecto *Old Maps Online*³ liderado por la University of Portsmouth o *Maps of Australia*⁴ promovido por la National Library of Australia. Otras instituciones como la British Library⁵, National Library of Scotland⁶ o el Nationala Archief⁷ han impulsado proyectos colaborativos en línea, para que voluntarios georeferencien mapas antiguos digitales.

La posibilidad que un grupo de entusiastas pueda colaborar voluntariamente (conocido como *crowdsourcing*) para crear, reunir y mejorar la información geográfica permite a las cartotecas emprender proyectos de georeferenciación de materiales sin destinar grandes cantidades de recursos, y por tanto enfocar sus actividades a la tarea propia de difusión. OpenStreetMap⁸, Google Earth⁹ o los servicios WMS¹⁰ de los productores de mapas, proporcionan una base cartográfica sobre la cual los usuarios pueden georeferenciar los mapas ráster publicados previamente en las colecciones digitales. La Cartoteca del ICC, también apuesta por esta opción a partir de mayo de 2012 con su Georeferenciador¹¹: herramienta en línea integrada dentro de la Cartoteca Digital, con el objetivo de georeferenciar con la ayuda de los usuarios digitales 1.000 mapas.

En este caso práctico por otro lado, mostraremos el proceso a seguir para convertir una imagen de una colección digital en un mapa, utilizando herramientas al alcance de cualquiera.

Descarga

Para ilustrar este documento se escogió el "Mapa del principado de Cataluña y condado de Rosellon" de Francesc Xavier Garna i Duran¹², realizado en 1764 y del cual la Cartoteca Digital del Institut Cartogràfic de Catalunya¹³ dispone, en su sitio web, de una edición de 1830, con un permiso de uso válido para estudio o investigación.



The screenshot shows the 'Cartoteca Digital' interface. At the top, it says 'ICC Cartoteca Digital'. Below that, there's a search bar and some navigation options. The main content area displays a historical map of Catalonia and Rosellon, with a small red square indicating a specific location on the map. The map is titled 'Mapa del principado de Cataluña y condado de Rosellon'.

La georeferenciació i geolocalització, eines de la cartografia.

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DCMI Box Encoding Scheme

Estandardització en Dublin Core per mostrar ubicacions espacials.

northlimit=4617613.22;
southlimit=4615296.30;
westlimit=486816.03;
eastlimit=489127.06;
projection=UTM zone 31 North;
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DCMI Box Encoding Scheme: specification of the spatial limits of a place, and methods for encoding this in a text string

Creator: Simon Cox
Contributor: Andy Powell
Contributor: Andrew Wilson
Contributor: Pete Johnston
Date Issued: 2006-04-10
Identifier: <http://dublincore.org/documents/2006/04/10/dcmi-box/>
Replaces: <http://dublincore.org/documents/2000/07/28/dcmi-box/>
Is Replaced By: Not Applicable
Latest version: <http://dublincore.org/documents/dcmi-box/>
Status of document: This is a DCMI Recommendation.

Description of document: The DCMI Box encoding scheme is a method for identifying a region of space using its geographic limits and representing that information as a value string. Components of the value string correspond to the bounding coordinates in north, south, east and west directions, plus optionally up and down, and also allow the coordinate system and units to be specified, and a name if desired. A method for encoding DCMI Box in a text string using the DCSV syntax is described. This notation is intended for representing a value of the DCMES element **Coverage**, particularly when using HTML meta elements.

Revision note: 2006-04-10. After approval of the DCMI Abstract Model [DCAM] as a DCMI Recommendation in March 2005, the DCMI Usage Board undertook a review of the DCSV syntax specification and of the related specifications for the encoding schemes DCMI Box, DCMI Point, and DCMI Period, with the goal of revising their language for conformance with the Abstract Model. A summary of the changes made can be found in the document "Revision of DCSV specifications". As of 2005, the DCMI Abstract Model supports the construct "related description" as a method for describing value entities such as a persons or, indeed, time periods or locations in space. The DCMI Usage Board encourages implementers to consider using related descriptions as an alternative to packaging descriptive information in DCSV-encoded strings. Descriptions based on the DCMI Abstract Model are more likely to be interoperable over the longer term than descriptions using DCSV-syntax-based specifications.

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1. Introduction

Several methods are available to indicate a place. These include, but are not limited to:

- a **name**, normally defined in an identifiable enumeration such as a gazetteer or list of jurisdictional localities;
- a unique **geocode**, such as a postal code;
- the coordinates of a **point**, using geographic values or some well-defined projection and units;
- a set of arcs or faces describing the **polygon** or **polyhedron** comprising the perimeter of the place;
- the **limits** of a regular shaped container which encompasses the place, typically a rectangular **box** in two or three dimensions, using geographic values or some well-defined projection and units.

The Dublin Core Metadata Element Set [DCMES] includes an element, **Coverage**, the value of which may be a place. If a name or geocode is used as the value representation for the property, then the enumeration from which that is selected determines valid value strings. However, there are no simple, commonly used, notations for indicating a place using coordinates. Here we define DCMI Box, an encoding scheme which specifies the geographic limits of a place, and describe a method for encoding DCMI Box in a text string using the DCSV syntax [DCSV].

In the simplest usage, DCMI Box approximates the extent of a place using a container with a regular shape. For a more precise representation of an irregular shape it is possible to use the approach of "tiling" the place with a set of simple regions defined using DCMI Box. Alternatively, another notation describing a polygon or polyhedron may be used. If a value corresponding to a point is required, then DCMI Point [POINT] is available.

2. Identifying a place - the DCMI Box scheme

We identify a place by considering the minimal rectangular box which fully encloses the place, whose faces are aligned parallel with the axes of an identified cartesian coordinate system [Figure].

image of an imaginary geographical landform.

We define the following components to describe the box:

Component Label	Definition	Default Component Value ¹

MapRank search

Una manera diferent d'accedir als mapes antics

www.oldmapsonline.org

The screenshot displays the Old Maps Online interface. At the top left is the logo for Old Maps Online. A search bar is located at the top center, with a 'Search' button. Below the search bar is a timeline slider ranging from 1000 to 2010. The main map area shows a geographical view of the region around Barcelona, with various towns and cities labeled. An orange box highlights the city of Barcelona. On the right side, there is a section titled 'Instant Search Results:' with a 'Fulltext' link. Below this, there is a list of search results, each with a small thumbnail image and text describing the map, including its title, scale, and date. The results list includes:

- Barcelona city plan 1:14 000 1943 - Army Map Service
- Plano general de Barcelona su ensanche y pueblos el llano en 1911 1:1 1911 - S.N.
- Plano guia de Barcelone 1:11 000 1910 - Bailly-Bailliere e Hijos
- Plano de la ciudad de Barcelona 1:25 000 1862 - Manucl Sauri y José Matas editores
- Spain 2. 1:1 774 080 1883 - Letts, Son & Co.

At the bottom of the page, there are logos for JISC, University of Portsmouth, and KLOKAN TECHNOLOGIES. A footer contains the text: 'Submit an idea or report a problem | Include your maps | Powered by MapRank Search | ©2012 Google, Tele Atlas - Condiciones d'ús'.