

WFS Server of DGIMT Infrastructures Graph

Abstract: Publication of a graph of the Catalonia infrastructures network, with the Milestones.

Purpose: To provide the citizens a tool to represent the infrastructure network, with routing capabilities and linear reference system, to represent any information based on kilometer points, routes or road catalogue.

ISO 19115 - Metadata

- Metadata information
- Service information
- Data quality information
- Spatial representation information
- Reference system information
- Distribution information

Metadata information

File identifier: {8B59991E-6791-46B8-B8A2-6D4FC857535F}_100005_en

Language: English

Character set: 8859part1

Hierarchy level: Dataset

Contact:

Individual name: Direcció General d'Infraestructures de Mobilitat Terrestre

Organization name: Departament de Territori i Sostenibilitat de la Generalitat de Catalunya

Position name: Servei d'Oficina Tècnica

Contact information:

Phone: 00 34 93 495 80 00

Facsimile: 00 34 93 495 81 96

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Delivery point: Av. Josep Tarradellas 2-6, 2º

Planta, Servei Oficina Tècnica de la DGC

City: Barcelona

Administrative area: Barcelona

Postal code: 08029

Country: Espanya

Electronic mail address: sic.tes@gencat.cat

Hours of service: D-V de 9 a 14:h

Contact instructions: Trucar per telèfon per comprovar disponibilitat horària

Role: Originator

Date stamp: 2015-11-16

Metadata standard name: ISO 19115:2003/Cor.1:2006 Geographic Information - Metadata

Metadata standard version: IS

Metadata constraints:

Access constraints: Copyright, Other restrictions.

Use constraints: Copyright, Other restrictions.

Other constraints: The information is publicly available so it can be used in the preparation of studies or non-profit projects. This release does not constitute a transfer of exploitation rights, reproduction, distribution, public communication and transformation of content, which belong exclusively to the Generalitat de Catalunya, in accordance with the provisions of Royal Decree 1 / 1996 of 12 April, approving the revised text of the Intellectual Property Law, amended in part by Law 23/2006 of 7 July.

Metadata maintenance:

Maintenance and update frequency: Annually

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Service information

Citation:

Title: WFS Server of DGIMT Infrastructures Graph

Alternate title: MetagrafDGC

Date: 2011-11-02 **Date type:** Creation

Cited responsible party:

Individual name: Direcció General d'Infraestructures de Mobilitat Terrestre

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Presentation form: Digital map

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Status: On going

Point of contact:

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Terrestre

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Generalitat de Catalunya

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Role: Originator

Descriptive keywords:

Keyword: Transport, Administration, Government, Mobility, Geographic
Information System, GIS, Cartography, Graph.

Type: Discipline

Keyword: Catalunya.

Type: Place

Keyword: Navigation, Dynamic Segmentation, Kilometric point, Pole,
Nude, Axis, Catalog, Route, Linear Reference System, Road.

Type: Theme

Resource constraints:

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Resource maintenance:

Maintenance and update frequency: Annually

Spatial representation type: Vector.

Language: Catalan

Character set: 8859part1

Topic category: Transportation

Extent:

Description: Catalanian geographic extension

Geographic bounding box:

West bound longitude: 0.25

East bound longitude: 3.5

South bound latitude: 40.25

North bound latitude: 43

Service type: WFS

Coupling type: Dèbil

Operations:

Operation name: GetCapabilities

DCP list: WebServices

Connect point:

Linkage:

[http://dtes.gencat.cat/webmap/dgcWFS/service.svc/get?
request=getcapabilities&service=wfs](http://dtes.gencat.cat/webmap/dgcWFS/service.svc/get?request=getcapabilities&service=wfs)

Operation name: GetFeature

DCP list: WebServices

Connect point:

Linkage:

[http://dtes.gencat.cat/webmap/dgcWFS/service.svc/get?
request=getfeatures&service=wfs](http://dtes.gencat.cat/webmap/dgcWFS/service.svc/get?request=getfeatures&service=wfs)

Operation name: DescribeFeatureType

DCP list: WebServices

Connect point:

Linkage:

http://dtes.gencat.cat/webmap/dgcWFS/service.svc/get?
request=describefeaturetype&service=wfs

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Data quality information

Scope:

Lineage:

Statement: Roads Graph of the Direcció General de Carreteres with the milestones of the Territory.

Source description: Includes official codification of the known milestones . The source of information is a collection of GPS positions on van, contrasted later on official topographic map, with a refund on 1:5.000 orthophoto restitution, expanded each year based on new projects.

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Spatial representation information

Vector spatial representation:

Topology level: Full surface graph

Geometric objects

Geometric object type: Curve.

Geometric object type: Point.

Geometric object type: Surface.

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Reference system information

Reference system identifier: EPSG:23031 - ED50 / UTM zone 31N

Reference system identifier: EPSG:25831 - ETRS89 / UTM zone 31N

Reference system identifier: EPSG:4326 - WGS84 / Geographic Coordinate

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Distribution information

Distributor contact:

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Standard order process:

Fees: Free

Ordering instructions: For any inquiries, please send an email to:

Digital transfer options:

On line:

Linkage:

<http://dtes.gencat.cat/webmap/dgcWFS/service.svc>

Name: Web Feature Service de la DGC