

Processing England's Live Traffic Information with Python

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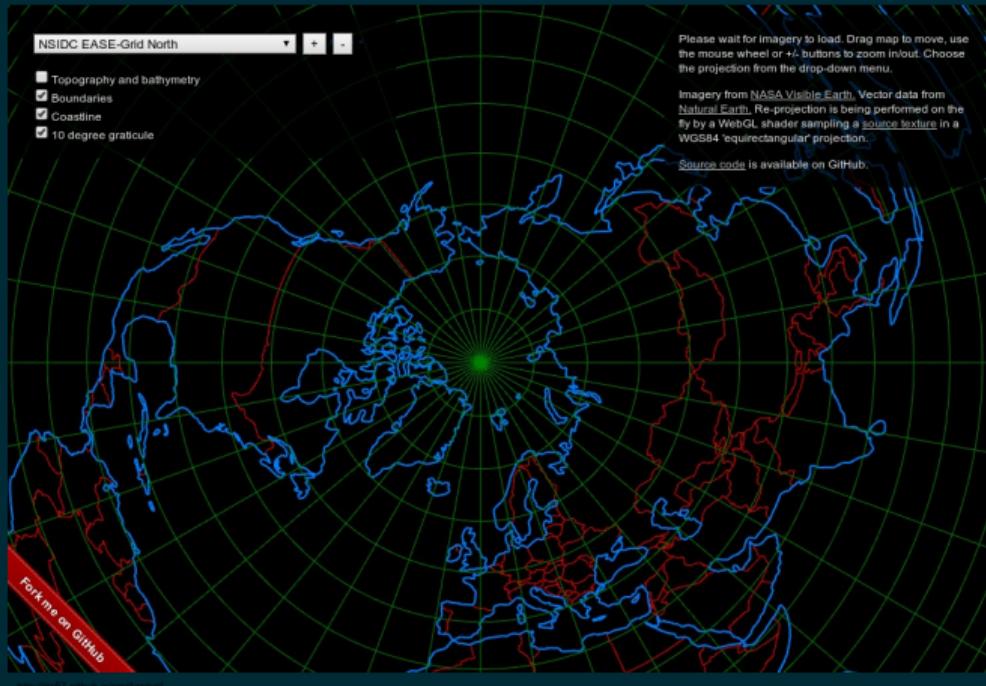
29 April 2013







<http://rjw57.github.io/proj4webgl/>









HIGHWAYS
AGENCY

Network Map

Core National Route
Star Roads

National
Regional
Local





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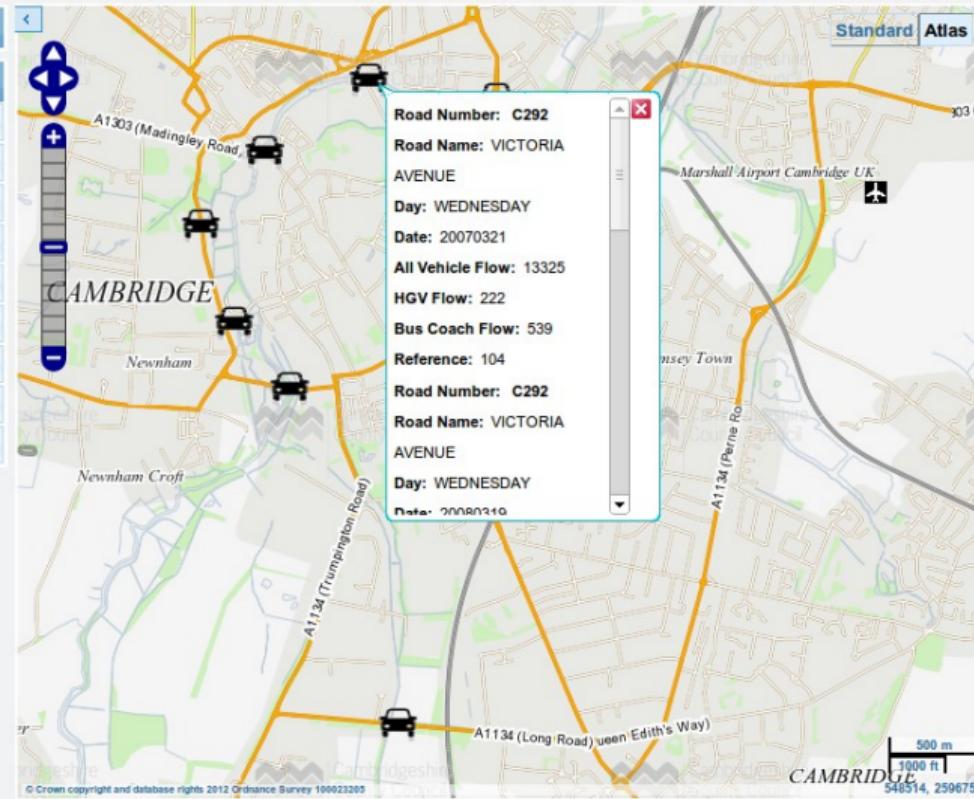
+ Schools and Learning 0/7

+ Transport and Streets 1/14

+ Highways Faults 0/8

+ Public Sector Assets 0/9

+ Flood Risk Assets 0/13



<http://data.gov.uk/>



Beta



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A BLOG BY Dr IAN DICKINSON



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Live traffic information from the Highways Agency

View Resources (9) History

Description

Live traffic information data showing traffic information on the strategic road network in England.

The separate datasets are referred to as "Information products" and presented as XML, conforming to a Data 2 data specification. A supporting document is provided to support understanding of the Data 2 schema.

Information products consist of Current Roadworks (Updated every 30 mins (1 M bytes)), Future Roadworks (Updated every 10 mins (1 M bytes)), Current Journey Time Data (Updated every 10 mins (10 K bytes)), Future Journey Time Data (Updated every 10 mins (10 K bytes)), Future Planned Events (Updated every 6 hours (20 K bytes)), Journey Time Data (Updated every 10 mins (30 K bytes)), All Travel Data (Updated every 10 mins (30 K bytes)), Current Matrix Signals (Updated every 10 mins (3 M bytes)) and Variable Message Signs (VMS) (Updated every 10 mins (3 M bytes)). The Variable Message Signs (VMS) information product will contain the status of all currently set or ready VMS on the UK network. If the next publication no longer contains a VMS, it will be removed or its status has been cleared. The payload will contain VMSnumber></vmsnumber> elements.

Matrix Signals updated every 10 mins (3 M bytes). The Matrix Signal information product will contain the status of all currently set or ready Matrix Signals on the HI network. If the next publication no longer contains a specific Matrix Signal, then enter the setting or fault has been cleared. The payload will contain Matrix Signal</matrix> elements.

Data Resources (9)

	Name	Preview	Download
Current roadworks	XML	Preview	Download
Future roadworks	XML	Preview	Download
Current planned events	XML	Preview	Download
Future planned events	XML	Preview	Download
Upgraded events	XML	Preview	Download
Journey time data	XML	Preview	Download
Traffic data	XML	Preview	Download
Variable Message Signs (VMS)	XML	Preview	Download
Matrix signals	XML	Preview	Download

Additional Information

Openness score: ★ ★ ★

Theme: Transport

Temporal coverage: 21/10/2011

Geographic coverage: England

Date added to data.gov.uk: 21/10/2011

Date updated on data.gov.uk: 15/04/2013

Date update future: 2012-01-01

Provider: transportuk@dti.gsi.gov.uk

Update frequency: live data updated automatically

Temporal granularity: day

Taxonomy URL: http://www.data2.eu/files/www/dataset2.eu/taxons/MTB_DATEXII_v2_0_0.pdf

Moderation: No value

Developer Tools

The information on this page (the dataset metadata) is also available in JSON format:
<http://data2.eu/datasets/12074/12074/metadata.json>

Read more about this site's CKAN API: [About the API](http://data2.eu/datasets/12074/12074/api.html).

This dataset has a permanent URL:
<http://data2.eu/datasets/12074/12074>

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Data Resources (9)

 Current roadworks	XML	Preview	Download	
 Future roadworks	XML	Preview	Download	
 Current planned events	XML	Preview	Download	
 Future planned events	XML	Preview	Download	
 Unplanned events	XML	Preview	Download	
 Journey time data	XML	Preview	Download	
 Traffic data	XML	Preview	Download	
 Variable Message Signs (VMS)	XML	Preview	Download	
 Matrix signals	XML	Preview	Download	



EASYWAY ★★☆

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DATEX User Forum 2012 - Stockholm

The 2012 edition of the DATEX User Forum have been held in Stockholm on 20th-21st March



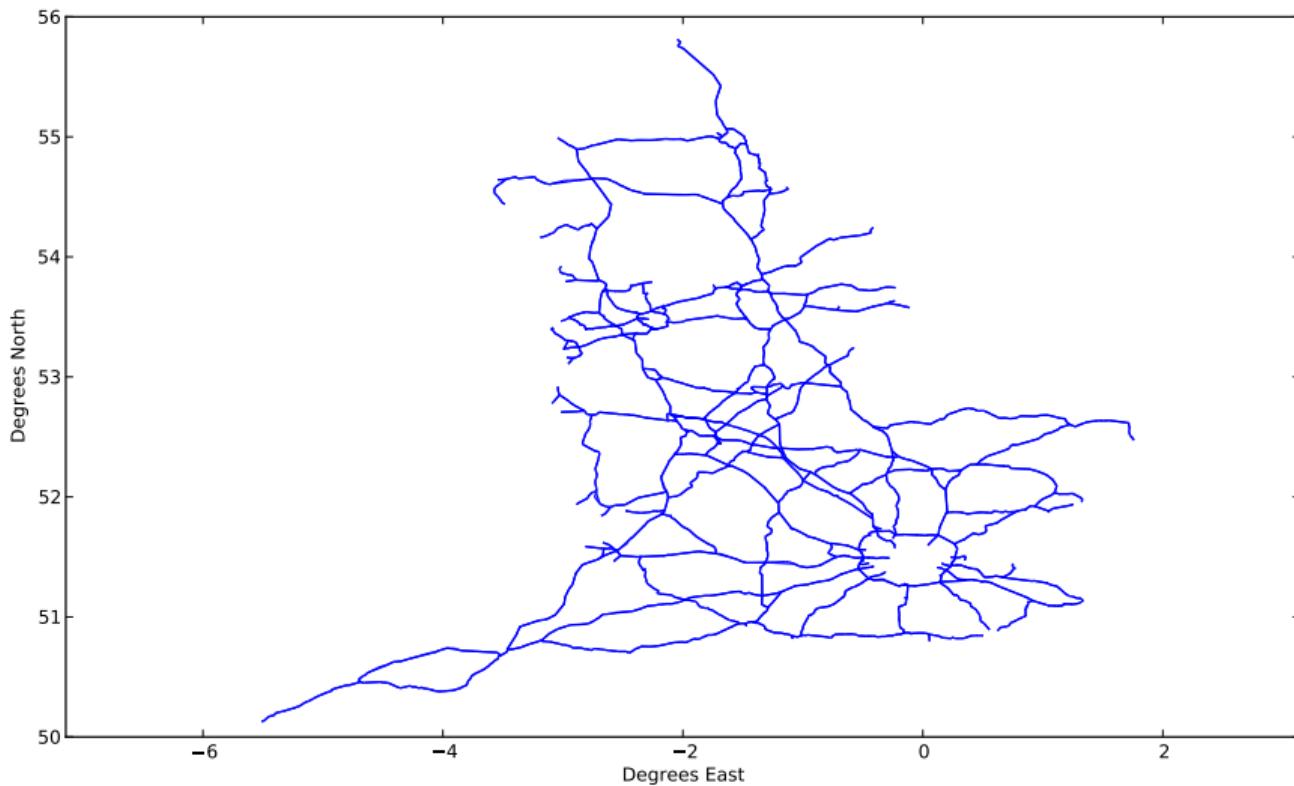
Session Presentations are now [available from this link](#).

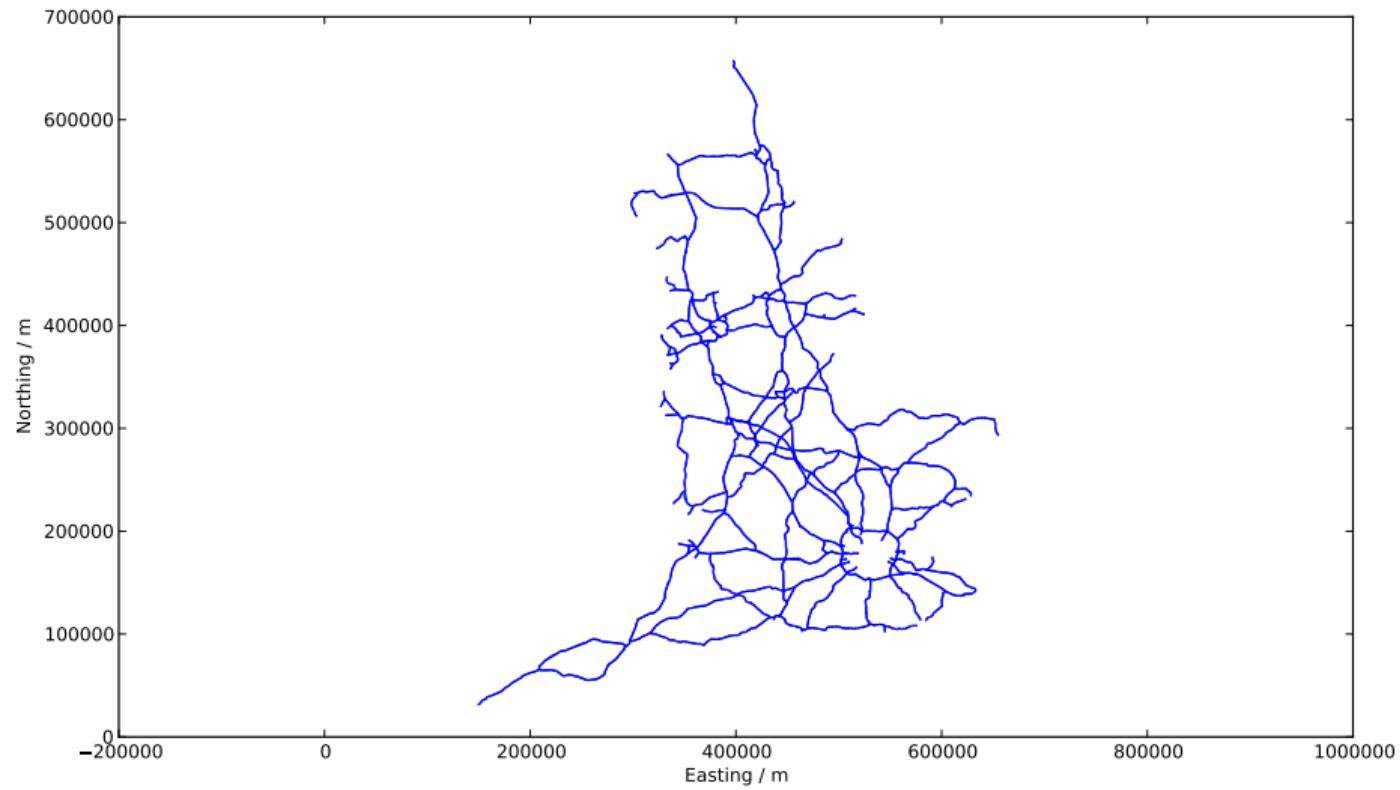
News

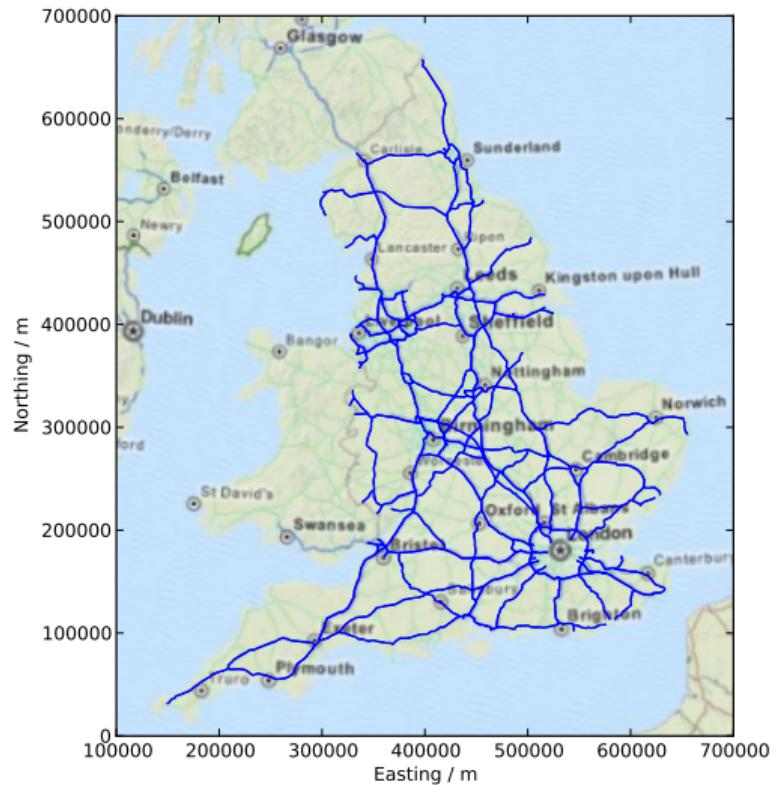
► DATEX II v2.1 has been released on DATEX II website

DATEX II v2.1 is finalised and available for download on datex website www.datex2.eu. Please visit

PredefinedLocationLinks







TrafficData

Movie

Movie

