DATEXII

Road Traffic Data

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6TH FORUM WEBINAR SERIES



DATEX II Road Traffic Data

EUROPEAN STANDARD	EN 16157-5
NORME EUROPÉENNE	
EUROPÄISCHE NORM	August 2020
ICS 35.240.60	Supersedes CEN/TS 16157-5:2014
Eng	glish Version
	tems - DATEX II data exchange management and information -
Part 5: Measured and e	elaborated data publications
Systèmes de transport Intelligents - Spécifications Datex II d'échange de données pour la gestion du trafic et l'information rouilère - Partie 5 : Publications de données mesurées et de données calcuées	Intelligente Verkehrsøysteme - DATEX II Diteraustauschsperafration fur Verkehrsmanagement und Verkehrsiformition - Teil S-Gemessere und ausgearbeitete Datemveröffentlichungen
This European Mandard was approved by UEN on 29 June 2	2020.
European Standard the status of a national standard without	Enternal Regulations which stipulate the concitions for giving this at any alteration. Up-to-date lists and lubbiographical references plication to the CEN-CENELAU Management Centre or to any UEN
This European Standard exists in three official versions [En translation under the responsibility of a CEN member into i Centre has the same status as the official versions.	glish, Freact, German). A version in any other language made by ts own language and notified to the CEN-CENELEC Management
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EN 16157-5:2020 "Measured and elaborated data publications"

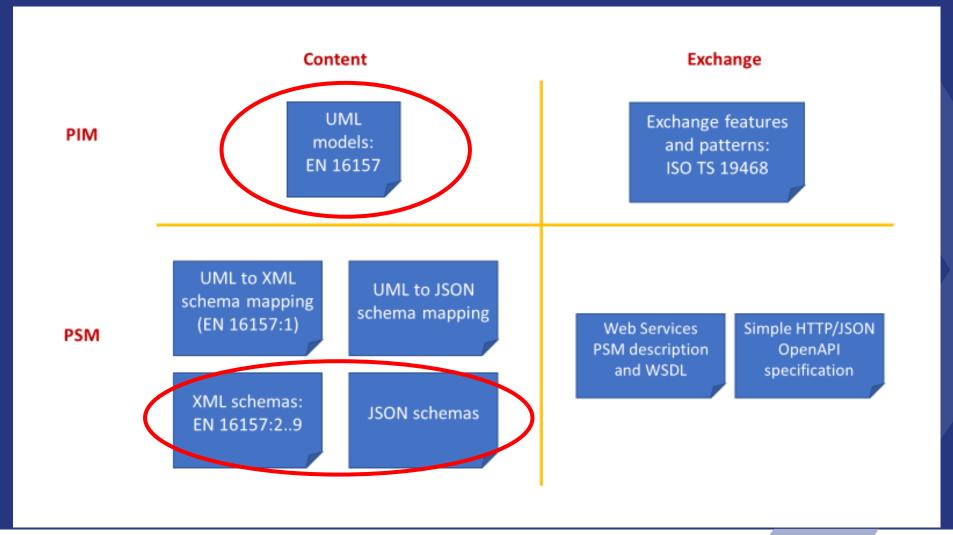
RoadTrafficData is the name of the namespace in the data model.







RoadTrafficData is a content specification





Content | Platform-independent models

Release 3.0 (2018) Common elements Location referencing Traffic situation

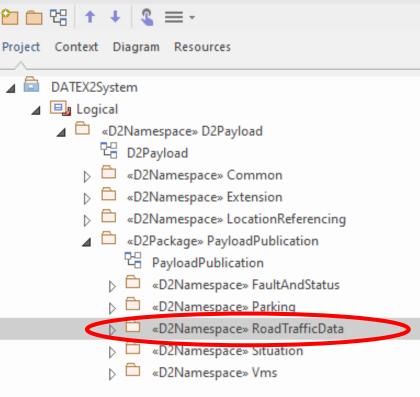
D2Light (2019) Traffic situation (light) Release 3.1 (2020) adds VMS Road traffic data Extensions:

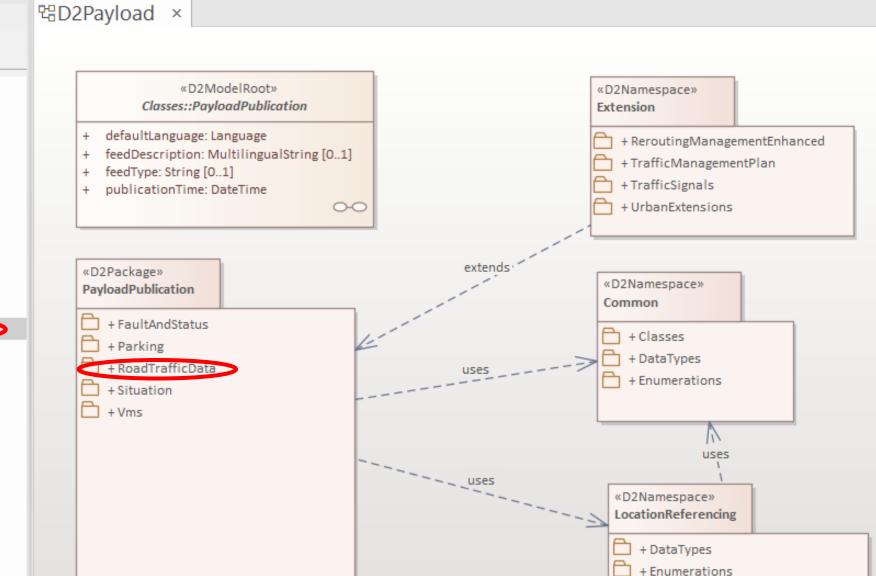
- Urban
- Traffic management plans
- Enhanced rerouting
- Traffic signal applications

Release 3.2 (2021) to add
Parking
Vehicle energy infrastructure
Device status and faults
Traffic regulations
Enhanced satellite positioning









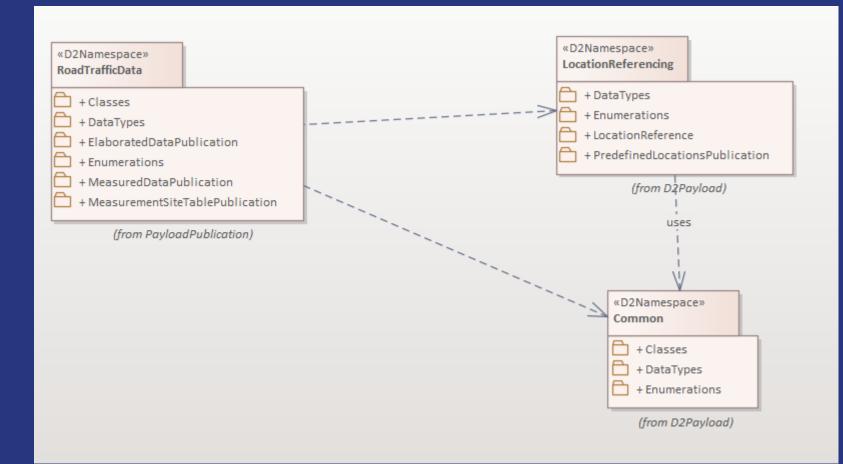
+ LocationReference

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+ PredefinedLocationsPublication

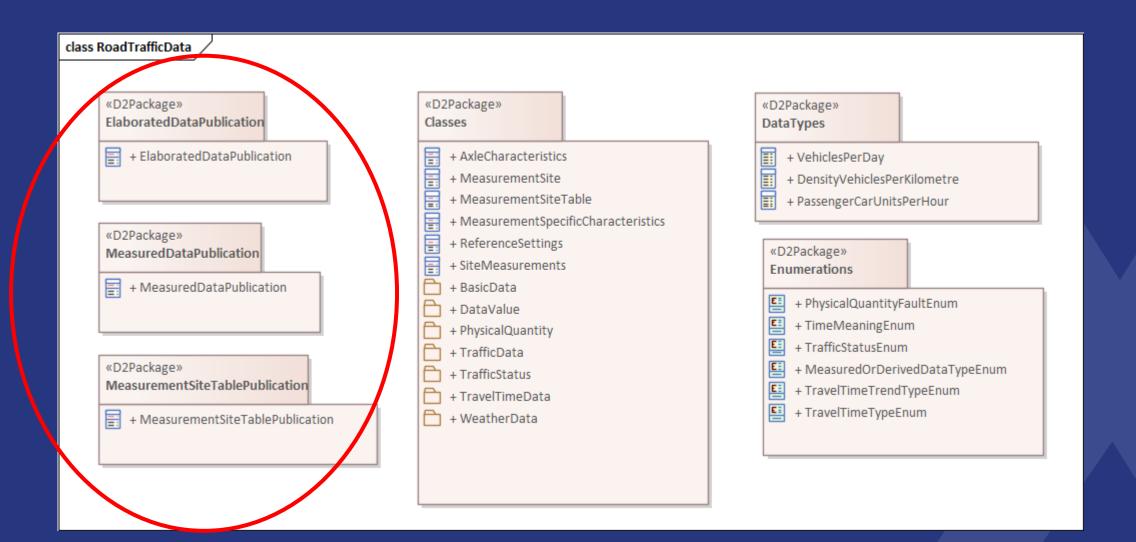
European Commission

Namespace dependencies







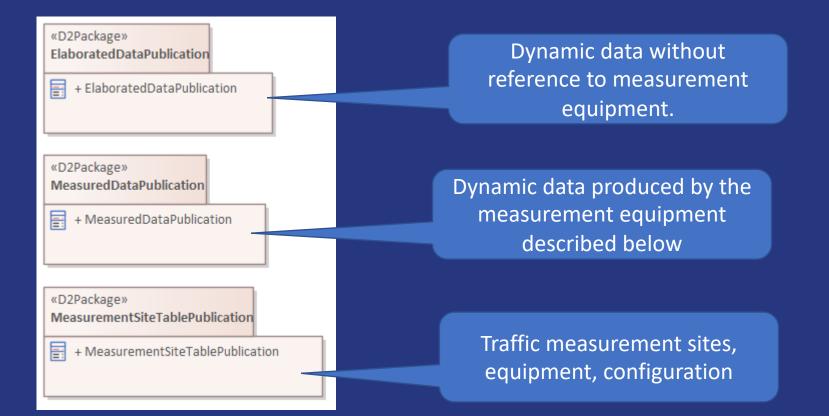






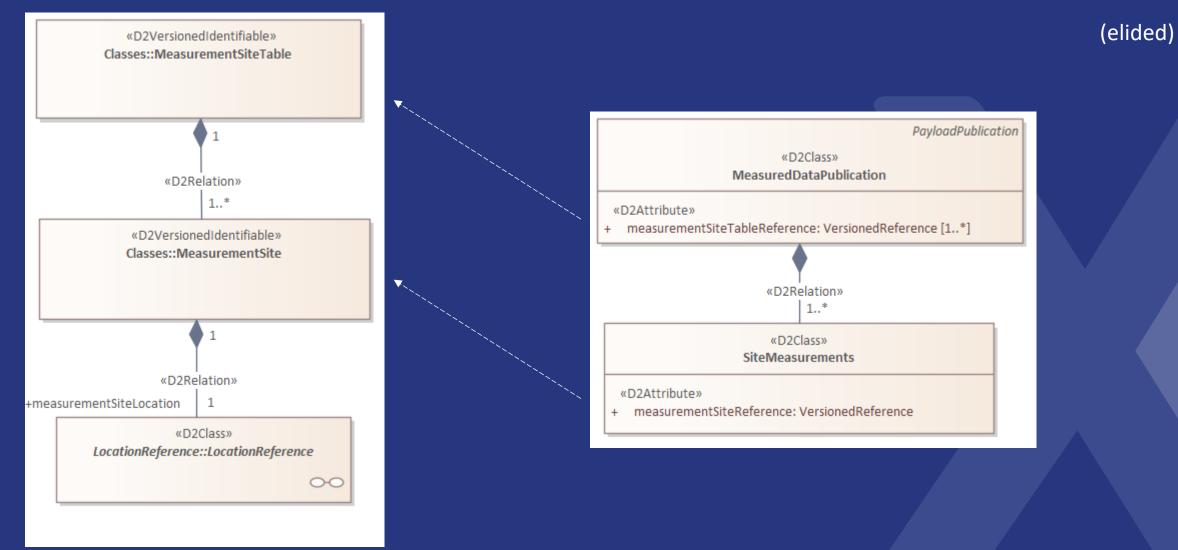
European Commission

Entry classes - publications



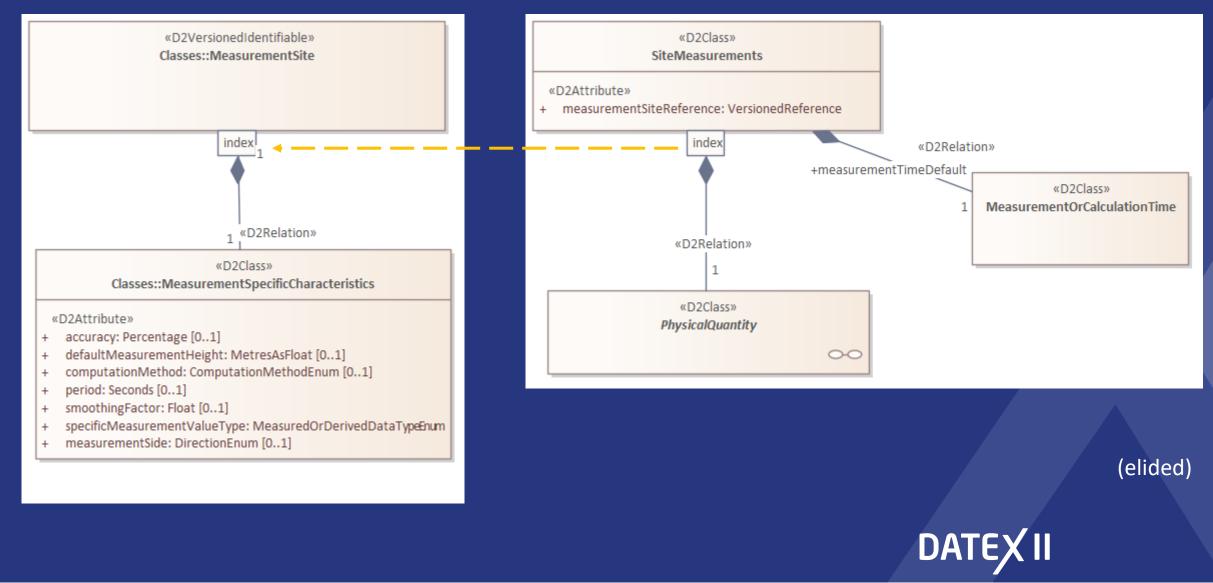






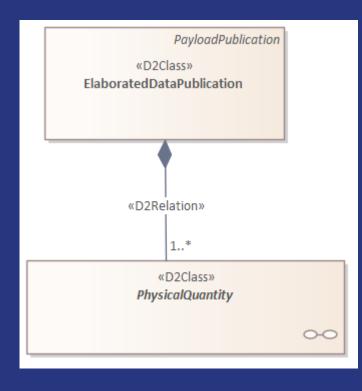






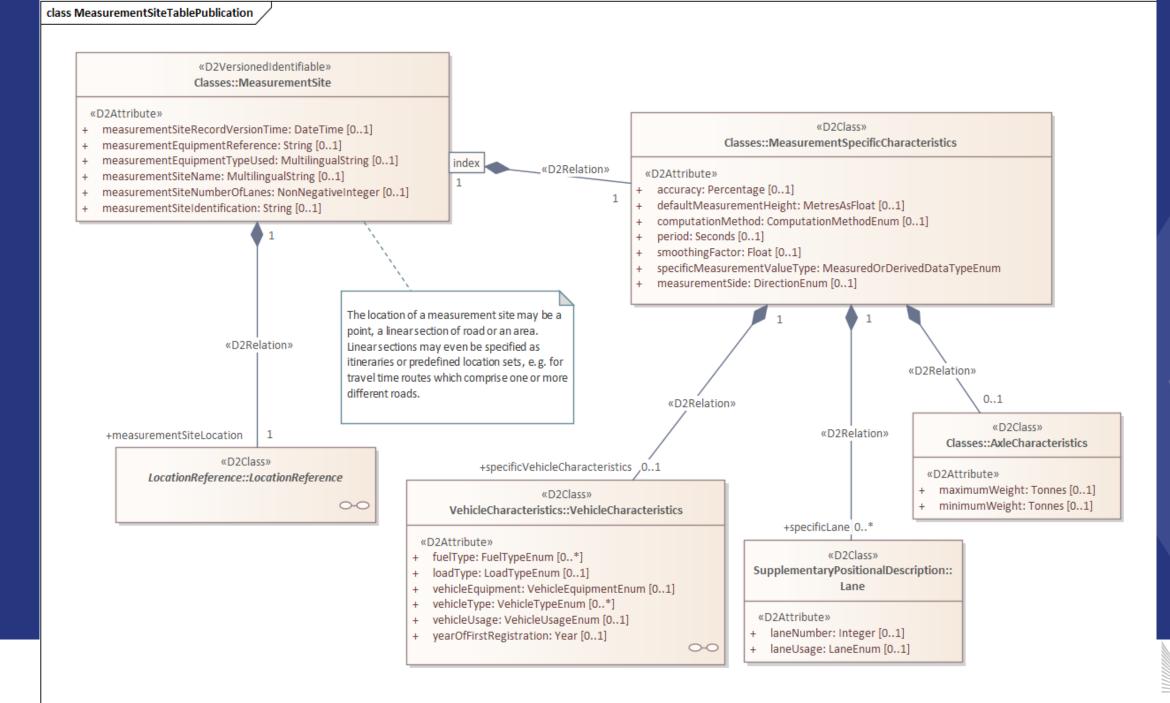


(elided)

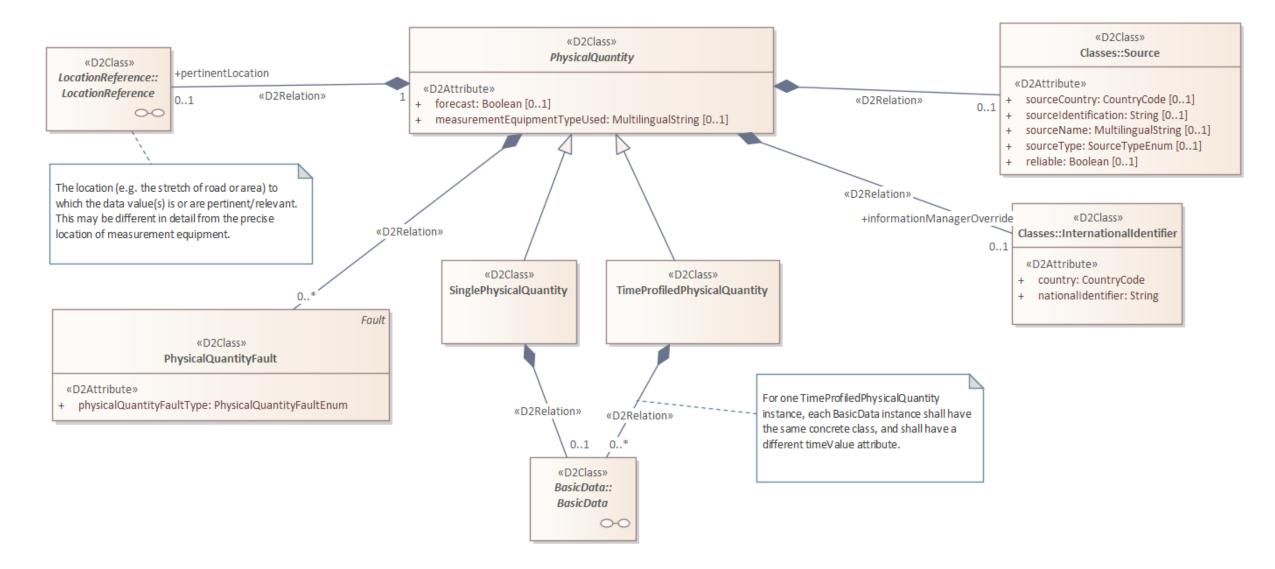






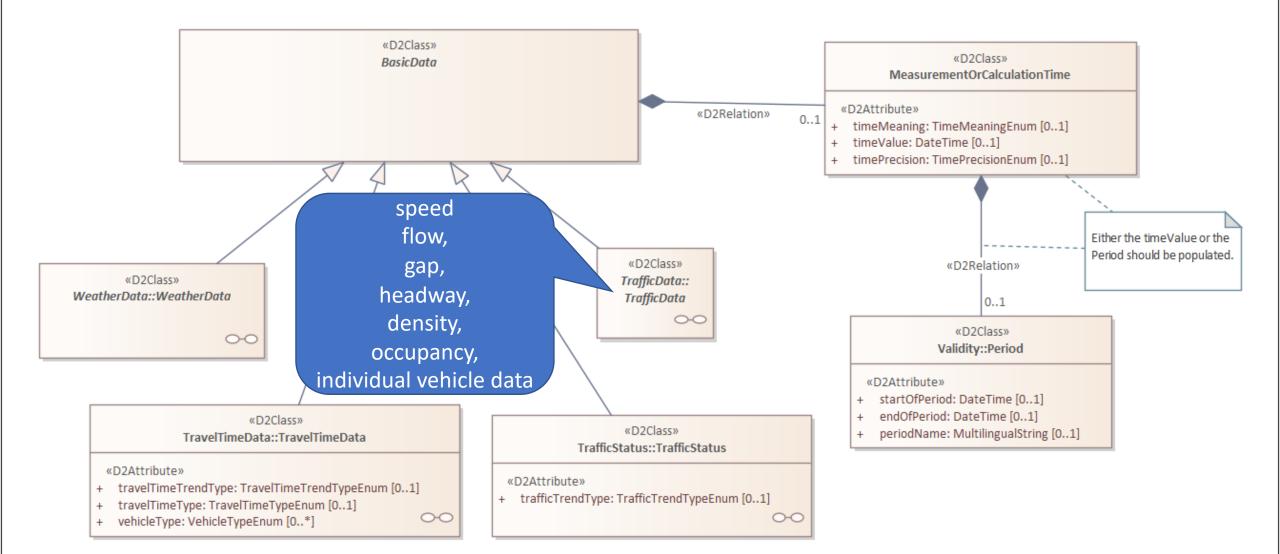


class PhysicalQuantity





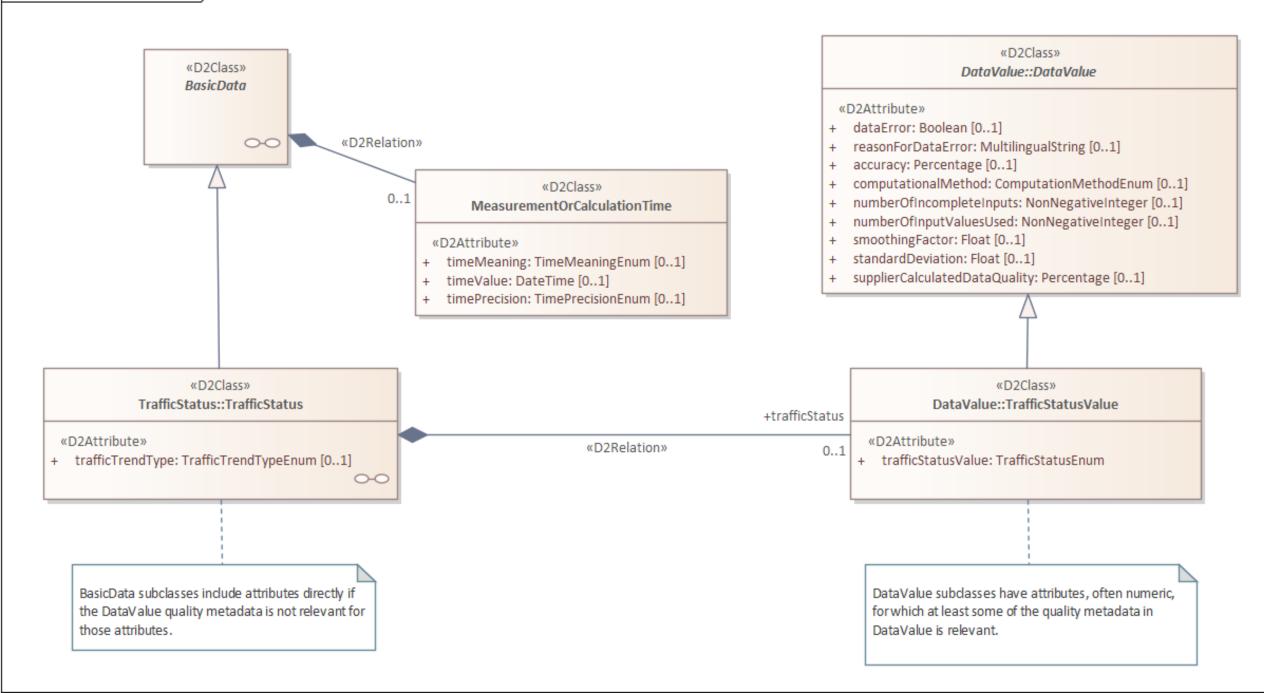
class BasicData

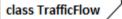


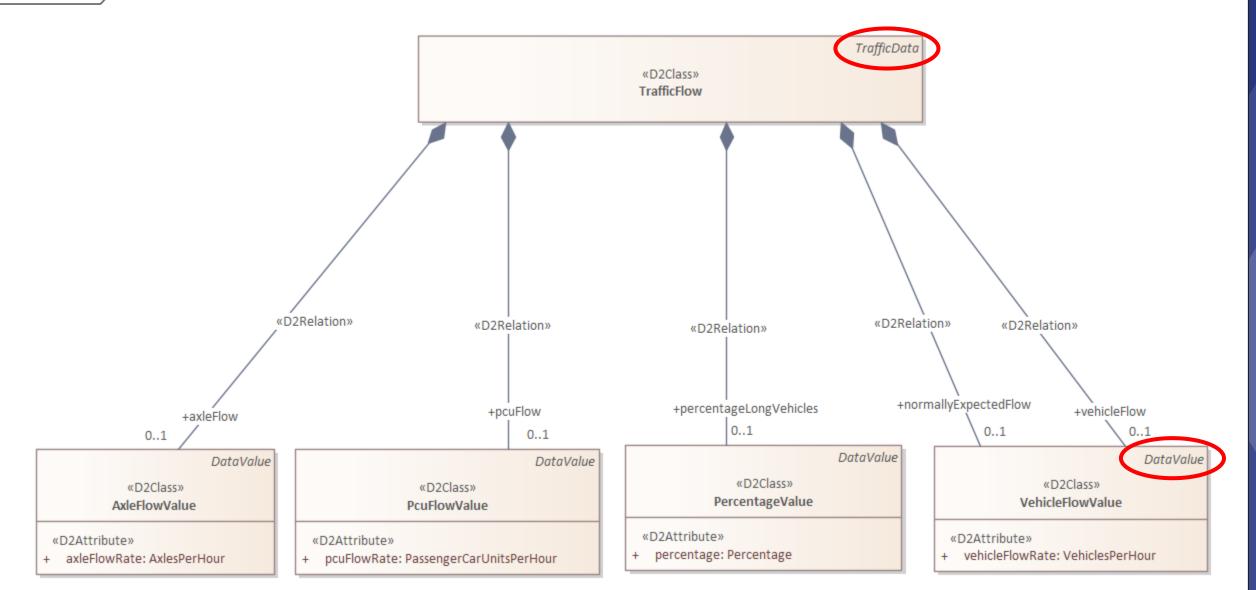




class BasicData and DataValue







European Commission

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Thank you

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