



EU-EIP-4.7

Developments in France

TN-ITS EU EIP Sub-Activity 4.7

2017 January 19 – technical meeting Brussel



Source of image: ROSATTE web site (ertico.com/rosatte/)

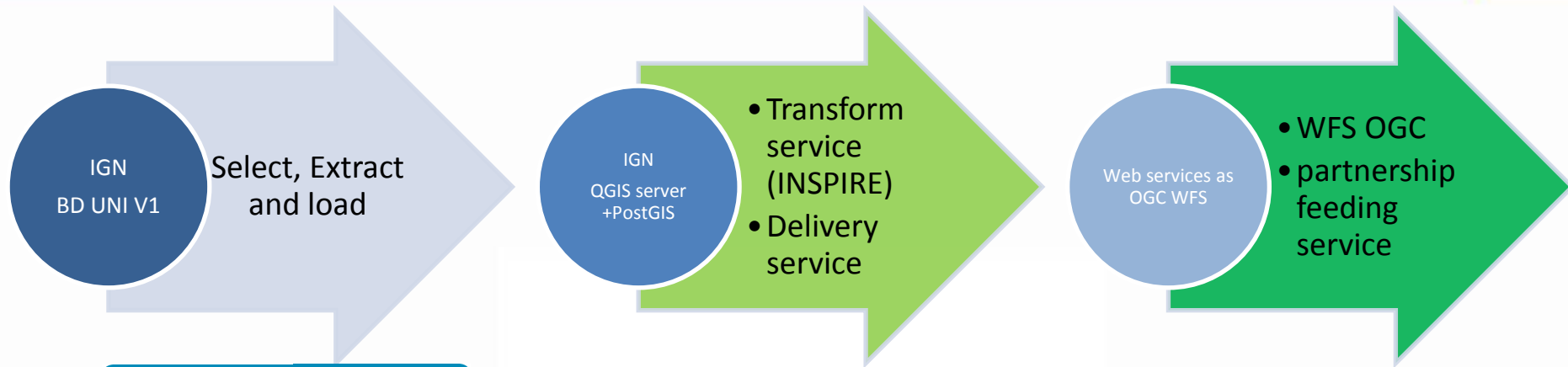


Co-financed by the European Union
Trans-European Transport Network (TEN-T)



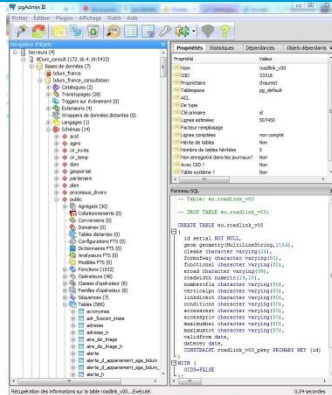
Alain Chaumet – Christophe Joly

Implementation



PostgreSQL

The world's most advanced open source database.



**Open, reverse,
documented and free
pool of tools dedicated to
design EU-EIP service on
IP agreed computers IP
clients**

Test launch

The beta service will be abble soon :

We need your IP adress to initiate testing and dialog about your needs

Contact : alain.chaumet@ign.fr, Christophe.Joly@ign.fr

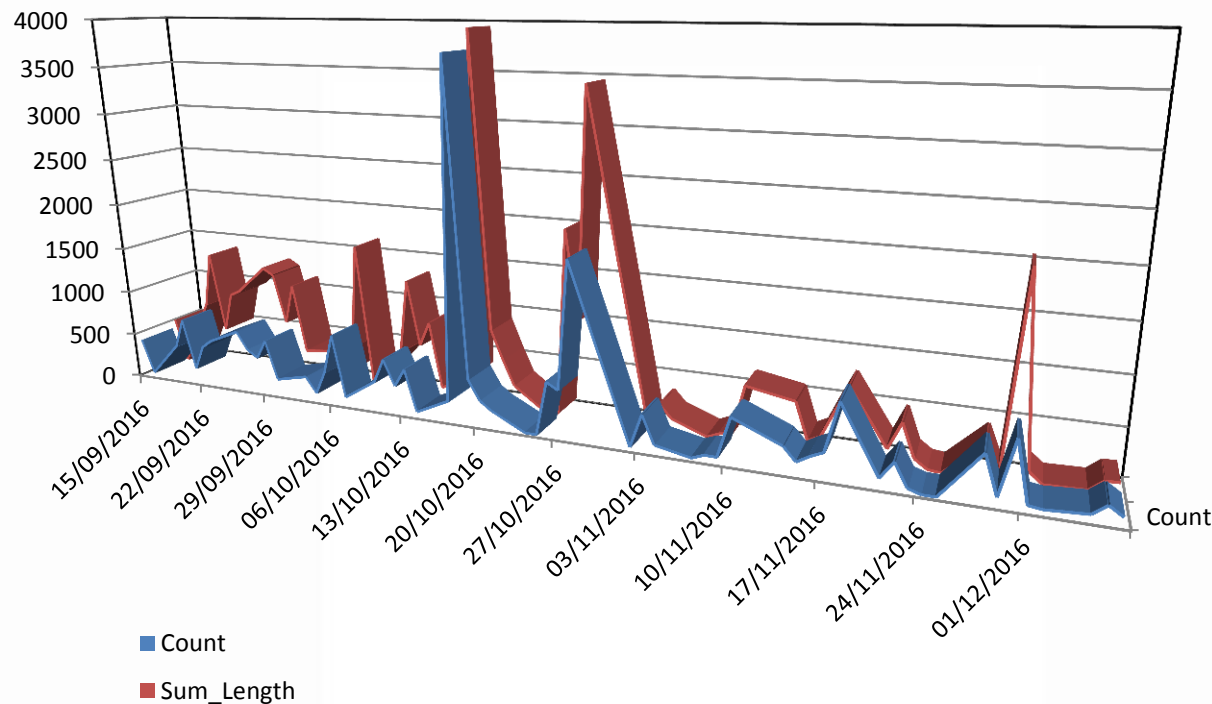
Roadlink attributes table

tronçons de route									
roadlink									
nature	Route à 1 chaussée		Route à 2 chaussées	chemin	Route empierrée	piste cyclable	Sentier	type autoroutier	Bretelle
formofway	"singleCarriageway"		"dualCarriageway"	"tractor"	"unpaved"	bicycleroad	"walkway"	"motorway"	"slipRoad"
importance	1	2	3	4	5	sans objet			
functionalroadclass	mainroad	"firstClass"	"secondClass"	"thirdClass"	"fourthClass"	not applicable			
largeur_de	1 to								
roadwidth	1 à								
nombre_de_voies		0	1	2					
numberoflanes									
position_p	2	1	0	-1	gué ou radier	sans objet			
verticalposition	suspendedorelevated	suspendedorelevated	ongroundsurface	underground	fordorbasemat	not applicable			
sens_de_ci	sens direct	double sens	sens inverse						
linkdirection	"inDirection"	"bothDirections"	"inOppositeDirection"						
etat_de_l	en projet	en construction							
conditionoffacility	projected	underconstruction	functional	disused	sans objet				
acces	libre	A péage	impossible	Restreint	not applicable				
accessrestriction	publicaccess	toll	physicallyimpossible	private					
prive	(accessrestrict1)	0							
accessprivate									
restrictio		1,5	4,8						
maximumheight		1,5	4,8						
restrict_1		2	19						
maximumtotalweight		2	19						
date_de_mi	system								
validfrom	system								
daterec	system								
daterec	system								
liens_vers	system								
eroad	link name								
cleabs	system								

- roadlink layer statistics extract 365: is the number of our last extract from IGN database [Length_Meters] Count: 499169
- Sum: 72767618.00600
- Mean: 145.77752
- Median : 78.67300
- Maximum: 10178.84500
- Minimum: 0.59200
- Range: 10178.25300
- Variance: 42248.49583
- Standard Deviation: 205.54439
- Agreg.shp [Contains 499169 Selected Line(s)]
- 70,293,845.559 Meters are in selected lines.

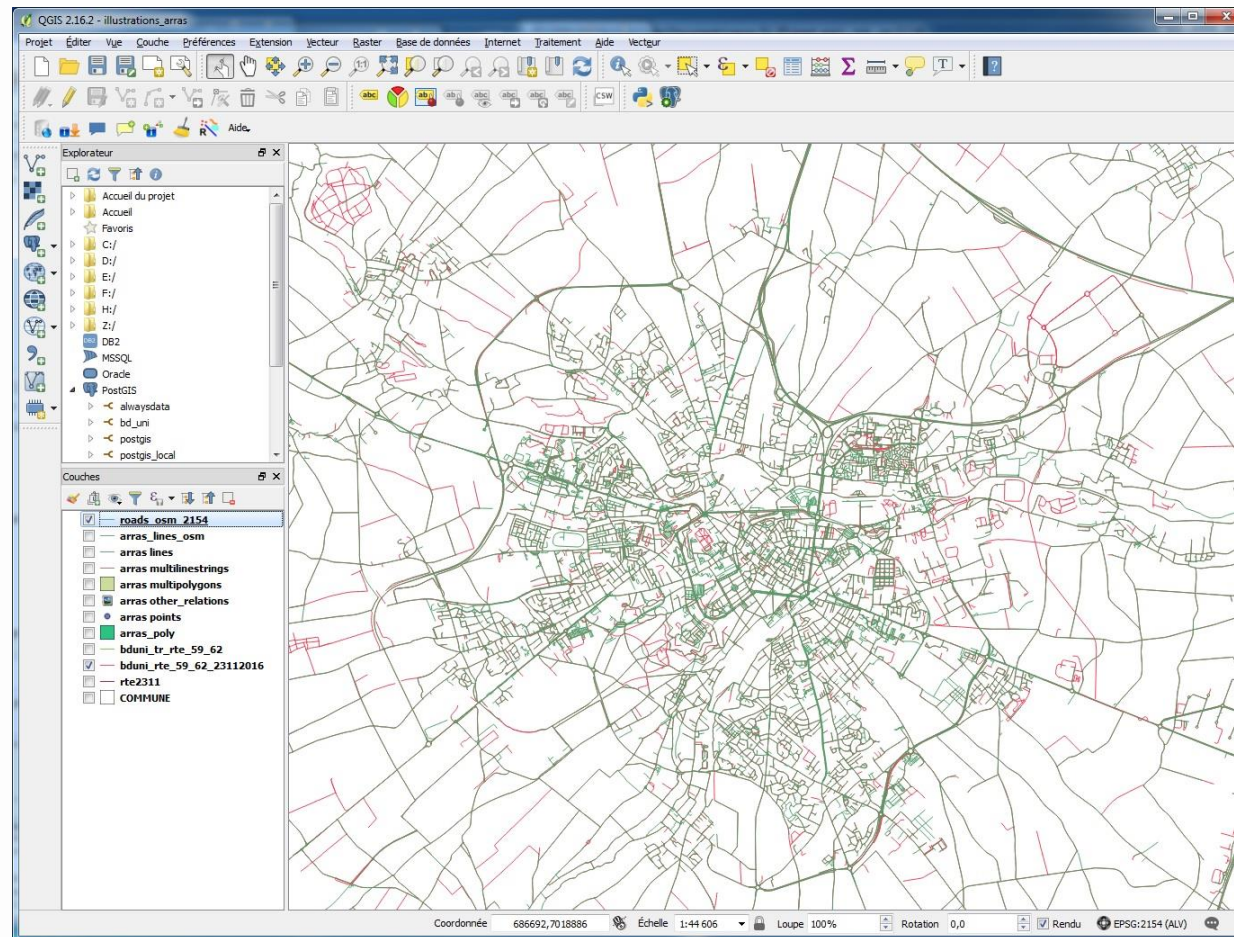
Data quality

- Total number and length of infrastructure updates are checked on long series



Data quality : updates near Arras

- Spatial accuracy in short time lapse



« Under construction » attribute
« validfrom » attribute

Identifier les résultats

Entité	Valeur
troncon_de_route_update-sept-2025	
identifiant	EXC
(Dérivé)	
deabs	TRONROUT0000000357644498
nature	Route 1 chaussée
nom_rue_ga	AV PIERRE MAUROY
nom_rue_dr	AV PIERRE MAUROY
importance	5
itineraire	N'appartient pas
lien_vers	NULL
largeur_de	0
nombre_de	5,000000000000000
position_p	0
sens_de_d	Double sens
insee_comm	59017
insee_co_1	59017
identifiant	EXC
identif_1	EXC
type_d_adr	Classique
borne_debu	NULL
borne_de_1	NULL
borne_fin	NULL
borne_fi_1	NULL
etat_de_j	En construction
alias_gauc	NULL
alias_dro	NULL
code_posta	59280
code_pos_1	59280
identif_2	NULL
acces	Libre
privé	NULL
fermeture	0
reserve_ou	NULL
nom_lieu_d	NULL
nom_lieu_1	NULL
restriction	NULL
restrict_1	NULL
date_de_mi	2017-04-21
destruit	1
daterec	2016-06-14
identifiant	NULL

Mode: Couche actuelle

Vue: Arbre

Enprise: 2.844,50.679 : 2.871,50.703

Échelle: 1:6 393

Rotation: 0,0

Rendu: IQIF:RQF93G (OTF)

Updates 2nd semester 2016

Transport - Routes - NPDC

Updates since 2016 1st of June to December 28

Avant modification - Attribut itinéraire

GID	Cleabs	Nature	Nom rue ga	Nom rue dr	Importance	Itineraire	Liens vers	Fictif	Largeur de	Nombre de	Position p	Sens de circulation	INSEE commune
12413	TRONROUT0000000089352158	Route à 1 chaussée	AV DE L'YSER	AV DE L'YSER	4	N'appartient pas		0	4.000000000000000	2	0	Double sens	62235
213412	TRONROUT0000000046283070	Route à 1 chaussée	PONT DE L'ENTENTE CORDIALE	PONT DE L'ENTENTE CORDIALE	2	Appartient		0	10.500000000000000	4	0	Sens direct	62160

Après modification - Attribut itinéraire

GID	Cleabs	Nature	Nom rue ga	Nom rue dr	Importance	Itineraire	Liens vers	Fictif	Largeur de	Nombre de	Position p
7672	TRONROUT0000000089352158	Route à 1 chaussée	RTE DEPARTEMENTALE 940	RTE DEPARTEMENTALE 940	2	Appartient	ROUTNOMM0000000046445408	0	7.000000000000000	2	0
229320	TRONROUT0000000046283070	Route à 1 chaussée	PONT DE L'ENTENTE CORDIALE	PONT DE L'ENTENTE CORDIALE	3	N'appartient pas		0	10.500000000000000	4	0

Nombre de modifications par attribut

	Id	FormOfWay	LeftStreetName	RightStreetName	FunctionalRoadClass				roadWidth	NumberOfLanes	VerticalPosition	TrafficFlowDirection	
GID	Cleabs	Nature	Nom rue ga	Nom rue dr	Importance	Itineraire	Liens vers	Fictif	Largeur de	Nombre de	Position p	Sens de circulation	INSEE commune
222224	0	328	797	822	558	2	0	0	866	459	10	972	33

Nombre de modifications

Supressions	Changements	Ajouts
7335	15179	1322

- Agreement between the Ministry of Interior (DSCR - Road Traffic and Security Department) and the IGN
 - Database of the road speed limits
 - Police controls needs
 - Static controls
 - Mobile controls
 - linear referencing database for use by the administration
- French transposition of the PSI Directive : the end
 - Free access to public data
 - Exception for SHOM, Meteo and IGN data (**Décret n° 2016-1617 du 29 novembre 2016**)

THANK YOU

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