

The logo for 'geosik' features the word 'geosik' in a lowercase, sans-serif font. The letters 'geos' are colored orange, and the letters 'sik' are colored blue. The background of the slide is white with abstract, overlapping geometric shapes in various shades of orange and brown on the right side.

geosik

Services web OGC en .NET

FOSS4G-FR, 21/05/2014

GeoSIK

- ▶ CodePlex (<https://geosik.codeplex.com/>)
- ▶ LGPL v2.0
- ▶ Ohloh (<https://www.ohloh.net/p/geosik>)
 - ▶ 400 000 lignes de C# !
 - ▶ 20 000 lignes en réalité
- ▶ .NET 4.5
 - ▶ LINQ (<http://msdn.microsoft.com/en-us/library/bb308959.aspx>)
 - ▶ SQL Server, PostgreSQL, MongoDB...
 - ▶ Irony (<https://irony.codeplex.com/>)

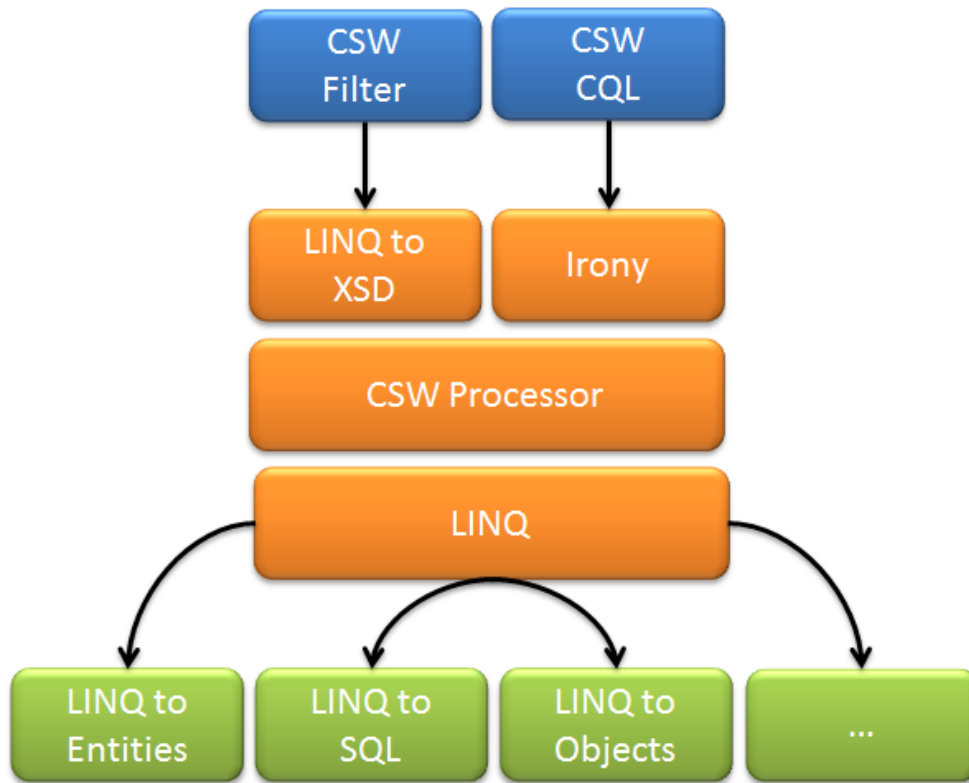
GeoSIK

- ▶ Geospatial Services Implementation Kit
 - ▶ Sérialisation GeoJSON
 - ▶ Types spatiaux
 - ▶ FDO .NET (<http://fdo.osgeo.org/>)
 - ▶ SharpMap (<http://sharpmap.codeplex.com/>)
 - ▶ SQL Server (<http://technet.microsoft.com/en-us/library/bb933790.aspx>) 
 - ▶ Systèmes de coordonnées / projections
 - ▶ DotSpatial.Projections (<https://dotspatial.codeplex.com/>) 
 - ▶ Proj.Net (<https://projnet.codeplex.com/>)
 - ▶ Services
 - ▶ CSW 2.0.2 

CSW 2.0.2

- ▶ Discovery
- ▶ Validation des paramètres (XML, KVP)
- ▶ Gestion des erreurs (OWS)
- ▶ Indépendant des technologies serveur (WCF, ASP.NET MVC)
- ▶ Indépendant des sources de données (LINQ)

CSW 2.0.2



CSW 2.0.2

- ▶ Serveurs dans *Isogeo* depuis 2 ans
 - ▶ Moissonnage GeoNetwork/GéoSource
 - ▶ Moissonnage Géocatalogue national
 - ▶ SQL Azure, Entity Framework 6.0
 - ▶ ~200 lignes de C#
- ▶ Clients dans *Isogeo* depuis 6 mois
 - ▶ Moissonnage GeoNetwork/GéoSource

GeoSIK

- ▶ v1.0.0
 - ▶ CodePlex (<https://geosik.codeplex.com/releases/view/122025>)
 - ▶ NuGet (<http://www.nuget.org/>)
- ▶ Microsoft Visual Studio 2013 Express pour le Web (<http://www.microsoft.com/france/visual-studio/essayez/download.aspx>)
- ▶ Microsoft SQL Server 2012 Express (<http://www.microsoft.com/fr-fr/download/details.aspx?id=35579>)

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