

Spatineo Quality Awards for Iberian IDEs

Using Availability and Validity Data for Spatial Services' Quality Ranking of the Iberian IDEs

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As a result of the INSPIRE Directive implementation efforts made by the 2 states of the Iberian peninsula, Spain and Portugal, and the general need from the society for services containing spatial data, almost six thousand spatial web services are currently harvested by the Spatineo monitoring agent in the peninsula, of which approximately 30% are INSPIRE services, varying from Viewable and Downloadable service types, providing data sets for several spatial data themes². The amount of spatial services seems to be good, but how good is the overall quality of the services provided?

In order to investigate the Quality of Service for Iberian services and also give credit for those organisations going the extra mile for providing high-quality and reliable usage experience for their users, we use the extensive service availability records we have to award the best available Iberian IDEs in general, and add service description and validation information that we have collected while operating Spatineo Monitor over the last 8 years to rank and award the best providers of INSPIRE services in the region.

Based on a consistent and transparent quality-of-service evaluation method, we are going to reveal the winners of the 1st Edition of Spatineo Quality Awards for Iberian IDEs and Iberian INSPIRE Service providers. Similar work has been presented in 2017 and 2018 INSPIRE Conference editions, and we will also present at the INSPIRE Conference 2020.

Presentation will show an overview of the evaluation methodology used for INSPIRE and non-INSPIRE services' quality ranking, the challenges and solutions in running this ranking calculations, some statistics about the overall average quality of services per country and a detailed breakdown on the different Quality of Service indicators of the top ranking organisations in the period (the previous 12 months: October 2019-September 2020).

We would also like to spare some time for discussion about the best methods and ideas for improving the quality of Spatial Web Services of the IDEs in the region. We invite the GIS community to share ideas and comments to improve the ways we can currently assess the quality and reliability of spatial web services if the Iberian SDIs.

¹ Based on numbers published in Spatineo Directory page on 28/05/2020: <https://directory.spatineo.com/>

² More details at: https://inspire-geoportal.ec.europa.eu/theme_selection.html?view=qsTheme

PALAVRAS-CHAVE

Open Data, Quality of Service, INSPIRE Services, Availability, Reliability, Ranking, Iberian IDEs.

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