ZOO-Project: news about the Open WPS Platform

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Abstract

ZOO-Project is a powerful WPS (Web Processing Service) platform which is implemented as an Open Source project and following the OGC standards, it was released under an MIT/X-11 style license and is currently in incubation at OSGeo. It provides a WPS compliant developer-friendly framework to easily create and chain WPS Web services. This presentation gives a brief overview of the platform and summarizes new capabilities and enhancement available in the 1.8.0 release. Moreover, a brief introduction to WPS and a summary of the Open Source project history with its direct link with FOSS4G will be presented. The new 1.8.0 release come up with a brand new R support and more other new features. The new functionalities and concepts available in the 1.8.0 release will be presented and described, also highlight their interests for applications developers and users. Apart from that, various use of OSGeo software, such as GDAL, GEOS, PostGIS, pgRouting, GRASS, OTB, SAGA, as WPS services through the ZOO-Project will be presented. Furthermore, the ongoing developments and future innovations will be explored.