

Gisaf - Bug #13766

OGCAPI: make async

11/03/2022 13:11 - Philippe May

Status:	New	Start date:	11/03/2022
Priority:	Normal	Due date:	
Assignee:	Philippe May	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Description			
When the WMS3 capabilities were set up, pygeoapi was not ready for async.			
The intention was to prove the concept - which it did - and hoping that users would leverage the power of this capability.			
Not only this did not happen, but the blocking nature of this non-async libraries might cause issues, when bots (GoogleBot) pass by and finally block the threads. The connection to the postgres database might then be severely impacted.			

History

#1 - 11/03/2022 14:39 - Philippe May

A new project that seems to be a valuable replacement for pygeoapi: <https://github.com/microsoft/ogc-api-fast-features> .

This depends on fastapi, whereas Gisaf currently use aiohttp. ogc-api-fast-features docs mention that it's not tightly coupled for the backend (presumably PostGis).

However, a transition from aiohttp to fastapi seems to be possible for Gisaf (fastapi was chosen for treetrail and so far gives satisfaction).