

GeoNode Monthly Developers Meeting Log

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2015-07-28

Attendees

- jj0hns0n
- imod
- pjdufour
- francesco bartoli
- daniel berry
- matthew hanson
- angelos tzotsos
- emanuele tajariol

Put your skype handle here to be added to the call.

<https://docs.google.com/spreadsheets/d/1VtuZMXSPygT0fHafTknD-tV12KFv4E9-hk7ggUx6Xlw/edit#gid=0>

Notes from Last Meeting

<https://docs.google.com/document/d/1b5n29wNA-rKP9WBVKE4Ok0kGpw66vn1U9PRcQARQE3l/edit>

tl;dr

- RHEL/CentOS + Python 2.6 Challenge
- Clustering / High Availability

- Security Accreditation
- User Authentication
- Packaging

OSGeo incubation

- [bitner](#) mentor
- accepted into incubation (has support from incubation committee, pending vote by OSGeo Board mid August)
- [Incubation process and Graduation Checklist](#)
- Next steps:
 - [provenance review](#)
 - Define/justify Governance
 - Not necessarily change or add, but if none or little, should justify and explain how it has been working
- osgeolive 9 <http://aiolos.survey.ntua.gr/gisvm/dev/> or <http://aiolos.survey.ntua.gr/gisvm/9.0/> open issues: <https://trac.osgeo.org/osgeo/ticket/1442> <https://trac.osgeo.org/osgeo/ticket/1218> <https://trac.osgeo.org/osgeo/ticket/1219>
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2.4 Release

- [build server](#)
- debian packages
 - [snapshots](#)
- [pypi packages](#)
- [geoserver builds](#)
- centos/rhel packages
 - kalxas & daniel can you leave some notes here - todo: follow up with kalxas regarding the individual rpm packages and how they are applied to a virtualenv. My idea was to try to make an rpm that included all python dependencies wrapped in an rpm that creates a virtualenv and installs the packages in that venv.... not sure where the best location would be /opt or /var/www.... (perhaps /usr/local or /var/local ?)
 - OpenBuildService RPMs <https://build.opensuse.org/project/show/home:tzotsos:Application:Geo> and <https://build.opensuse.org/package/show/home:tzotsos:Application:Geo/python-geonode> (quite outdated, but we can bring them up to date)
- aws ami
 - jj0hns0n will work on this in late august / sept
- **Openshift / heroku et al (can someone work on this with steve CP)**

New Contrib Modules

- geosites (matthewhanson)

- Follow up with discussion to the benefits of using virtual services and workspaces
- exif (pjdufour)
 - add some notes here
- nlp (pjdufour)
 - add some notes here
- slack (pjdufour)
 - add some notes here
- favorite ()
 - add some notes here

Imagemosaic (afabiani)

- New module being developed by GeoSolutions
- Allows you to upload layers and add them to an [imagemosaic](#).
- Allows for access to individual granules of each mosaic.
- Afabiani, can you add some screenshots or doc links

GeoFence

- GeoFence is a pluggable AccessManager which provide A&A to GeoServer. Probably more useful in latest GeoServer version (2.8), since GeoFence engine can be run embedded in GeoServer
(<http://docs.geoserver.org/latest/en/user/community/geofence-server/index.html>)
- Daniel, had some questions... more hoping that Geofence could be added and replace the geonode-geoserver-ext. This would allow for use of a vanilla geoserver with the geofence extension. Group security could also be used and multiple instances can be added.

CKAN Integration

- pjdufour
 - harvesting into data.gov and fix little stuff related to fields not mapped
 - For now mostly metadata bug issues, but some specific for CKAN
(<https://github.com/GeoNode/geonode/labels/ckan-integration>).
 - Long-term issue is more unified and frequent management of the ckanext-spatial plugin (<https://github.com/ckan/ckanext-spatial>, <https://github.com/GSA/ckanext-spatial>, and <https://github.com/18F/ckanext-spatial>)
- GeoSolutions
 - <https://github.com/geosolutions-it/ckanext-geonode>
 - <https://github.com/geosolutions-it/ckanext-geonode/wiki>
 - can work both with vanilla geonode installation (provided the API is accessible) and with customized geonode versions.
- Angelos:

- Full pycsw integration with CKAN here:
<https://github.com/PublicaMundi/ckanext-publicamundi> including integration with PostGIS, GeoServer.
- Check issues regarding data.gov harvesting
- JJediny?

Ansible Scripts (jj0hns0n)

- <https://github.com/jj0hns0n/ansible-geonode> (github repo)
- <https://galaxy.ansible.com/list#/roles/4443> (ansible galaxy)
- https://github.com/riskinfo-lk/riskinfo_lk (sample project with vagrant)

Other Projects

- Worldmap (ingenieroariel)
- Mapstory (garnertb?)
- NEPANode (JJediny)
- GeoAvalanche (francbartoli) (<http://geoavalanche.org>)
- GVS GovCloud (dberry)

Gitter.im Channel

- RIP Slack
- IRC?

Fall Sprint

- Dates
 - October/November
 - Potential “Conflicting” Events:
 - FOSS4G: September 14 - 19
 - re:Invent: October 6 - 9
 - NACIS: October 14 - 17
 - OSM GeoWeek: November 15 - 21
- Locations
 - Italy
 - Turin?
 - US
 - Boston
 - DC
 - NOLA
 - San Diego
 - Austin
 - Canada
 - Toronto