

VESPA telecons & meetings

VESPA kick-off telecon

- 30 April 2020 presentation [Stéphane Erard](#) : [Erard_VESPA_kickoff_2020.pdf](#)

Action items:

- 4 years to go!
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GMAP & VESPA interactions telecon

- 15 May 2020 presentation [Angelo Pio Rossi](#) : [GMAP@VESPA_2020-05-15.pdf](#)

Actions items:

- See with ESA how datasets in ESA-GSF (PSA's grey area) can be installed as EPN-TAP services - right time to start this
 - See how limits of geologic (Mars) or morphologic units (67P) can be provided as an EPN-TAP service
 - [Stéphane Erard](#) : sent new awstats script to every provider for installation (available on ObsParis gitlab)
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First VESPA hubs chat

- 15 May 2020 (Stéphane & Markus)

Actions items:

- [Stéphane Erard](#) Install 2 service files from 2019 (Rome) workshop on Paris gitlab
 - Gitlab usage to be assessed in Heidelberg and Trieste - see here : [Individual Repository for VESPA Service Resource Descriptor in DaCHS](#) and [VESPA hubs](#)
 - Gitlabs to be used for coming implementation workshops (in real time, so that everybody can work in a familiar environment)
 - Decide upon nb of Gitlab servers (1, 2 or 3?) and interactions between them - may be better to have only one.
 - Use gitlab issues to report and follow problems in services (must be open to all VESPA participants)
 - All 3 teams will help resurrect dying services - need a way to give them visibility for this
 - AAI to be evaluated later - must not affect existing systems
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MOC versus s_region for EPN-TAP services

- 29 May, 2020, [Markus Demleitner](#) : <http://docs.g-vo.org/talks/2020-tele-mocepn.pdf>

Actions items:

- ID required for coordinate frames (again!) - not in MOC though
 - OK in an EPN-TAP table on use case. Solves the direction issue of s_region.
 - We need to keep the possibility to have different spatial_coordinate_description values in a service (ex: spectro_planets, draft upgrade)
 - => [spatial_coordinate_description must be included in ADQL queries involving regions or coordinates](#)
 - Could be accommodated either in s_region or in a different parameter (preferred)
 - (s_region is currently expected only as polygon, and for body fixed frames)
 - (s_region polygons are probably mandatory for use with QGIS)
 - Study use of hips progenitors (e.g. mosaics of surface images)
 - Assess usage of time-space MOCs for space experiment operations (possible use with VVEx, etc)
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PVOL, NA2 & amateur services

- 11 June 2020 presentation [Ricardo Hueso](#): [PVOL_VESPA_Telecon.v1.pdf](#)

Actions items:

- Need to start thinking about the future service for NA2 / telescopic obs
- Where will it be hosted?
 - I've always assumed Graz, TBC
 - Ricardo proposes to split among existing services - but this is probably not feasible, and not actually simpler
 - may be located on VESPA-cloud in the mid-term (so that several teams have complete access)
 - First runs/data: not before October
- Design?
 - Must start as a simple demo for images & spectra; EPN-TAP parameters ~ PVOL-like. Start discussing this with teams involved (NA2)
 - Assume data will be forwarded to the service by NA2 team, so no upload interface involved

- Ingestion is easy if fits files with complete headers - may be complicated otherwise. Correct timing is crucial
 - About PVOL itself:
 - Additional content will include JunoCam images, planetary spectra, projected images
 - PVOL is a typical example of service which needs support on sustainability
 - Same comment as above about VESPA-cloud (EPN-TAP service files only)
 - We need to have the EPN-TAP service files (q.rd, etc) stored on a gitlab for sustainability - can it be the one in Paris (already active)?
 - In a first step, that would allow other teams to give a hand modernizing the service (e.g. adding epheremis calls should be easy, as HST or spectro_planets)
 - MOCs may prove useful to provide a view of space-time coverages, and comparison with e.g. HST data
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Exoclimate simulations

- 29 June 2020 presentation [Stavro L. Ivanovski : IVANOVSKI_VESPA_2020_ExoClimateModels-min.pdf](#)

Large room for collaborations, including:

- LMD and exoplanets GCM
 - GEOPS and surface boundary conditions (topo)
 - LESIA for disks db (and also exoplanets DM)
 - Maybe a link with UCL simulations?
 - Design EPN-TAP extension for these simulations
 - Thematic section in Confluence: [VA-Task 2. sub-task Exoplanets](#)
 - Possible installation on OPUS platform for code-on-line (to come, eventually on EOSC)?
 - Any link with DACE? They've developed efficient python APIs, and are willing to collaborate and go VO
 - Try and develop collaborations with ExoplanETS_A H2020 prg (which includes UCL)
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Next visioconf: date & object TBD, some time in September (related to EPSC sessions?)