
PaNOSC
Photon and Neutron Open Science Cloud
H2020-INFRAEOSC-04-2018
Grant Agreement Number: 823852



D5.2 Release of documented simulation APIs

Project Deliverable Information Sheet

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Project Website:	www.panosoc.eu
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Document Control Sheet

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5	Extreme Light Infrastructure Delivery Consortium (ELI-DC)	Belgium
6	Central European Research Infrastructure Consortium (CERIC-ERIC)	Italy
7	EGI Foundation (EGI.eu)	The Netherlands

This document accompanies Deliverable D5.2 of PaNOSC, which is a software release. The following table lists the DOIs (if available) or PyPI (Python Package Index) URLs to locate the released documented simulation APIs. Additional resources and links to documentation, demonstration servers, and docker containers are provided in the Milestone document MS5.2 available here: <https://dx.doi.org/10.5281/zenodo.4265635>.

Software name	Subject	DOI/link
libpyviny1	Harmonized API to simulation services	10.5281/zenodo.4245765
SimEx	Photon experiment simulations	10.5281/zenodo.4249615
McStasScript	Neutron raytracing	10.5281/zenodo.4247599
Oasys	X-ray optics simulations	https://pypi.org/project/oasys1
Oasys-PaNOSC	Extensions to Oasys for PaNOSC	https://pypi.org/project/oasys1-panosc/
Wiser	Coherent wavefront propagation	https://pypi.org/project/libwiser/