PaNOSC

Photon and Neutron Open Science Cloud

H2020-INFRAEOSC-04-2018

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D5.2 Release of documented simulation APIs

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Project Deliverable Information Sheet

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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
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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
`libpyvinyl`	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/