

Distribution of Rubin Observatory data outside the data rights community

William O'Mullane

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1 Statement

The Rubin Observatory Construction Project has no remit to provide services or systems capable of supporting access by non-data-rights holders to data products after the two year proprietary period has elapsed. That said, we do not regard doing so as an insurmountable task. In particular:

- Data access services being developed during the construction era are designed to be capable of meeting any plausible public demand for access given appropriate hardware and network resources;
- Major commercial cloud vendors have a track record of hosting public datasets for free, and have expressed interest and willingness to engage with the Project on this topic;
- In-kind contributions may include capacity for making data available to the public;
- An “object-lite” catalog, containing only the most generally valuable columns provided by the full Object table, is sufficiently compact to be delivered via a content delivery network (as was done for the Gaia catalog).

It is worth noting that this matter will not arise until the end of the third year of the survey; planning for deploying the above resources is therefore a question for the Operations Team. Further discussions on various ways of serving parts or all of the data are discussed in LPM-251.

References

[LPM-251], William O'Mullane, M.G., Beth Willman, 2018, *Policy for Independent Data Access Centers*, LPM-251, URL <https://ls.st/LPM-251>