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# CMS Space Monitoring Project

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## Introduction

Goal of the CMS Space Monitoring project is to provide a central view of how space is used at each site including data outside the official CMS datasets.

Site storage usage information is compiled from the storage dumps produced at the sites, and is then aggregated and uploaded to the oracle database DMWMMON hosted at CERN. Central WEB Data Service is provided for uploading and retrieving the information.

Originally a sub-project of PhEDEx, CMS Space Monitoring is now managed as a separate project within CMS Project Office. It still shares the code base and implementation solutions with PhEDEx.

## Documentation

Separate pages are provided for SpaceMon end users, developers, site admins, etc. Links to these pages can be found in the left bar. For more details see related talks and references below.

## Talks

- Feb 4th, 2014 [↗](#) computing project office meeting, status report
- Nov 18th, 2013 [↗](#) computing project office meeting

## References

1. DMWMMON repository on [github](#) [↗](#)
2. WLCG storage dump formats
3. CMS DMWMPG Namespace
4. CMS Space Monitoring, 2014 [↗](#)
5. Data Storage Accounting and Verification at LHC experiments, 2012 [↗](#)

## Feedback

For bug reports and feature requests please use <https://github.com/dmwm/DMWMMON/issues> [↗](#)

For general discussions please use [hn-cms-dmDevelopment@cernNOSPAMPLEASE.ch](mailto:hn-cms-dmDevelopment@cernNOSPAMPLEASE.ch) forum.

-- NataliaRatnikova - 19 Dec 2013

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