Rubin Observatory

Vera C. Rubin Observatory
Data Management

Title of document

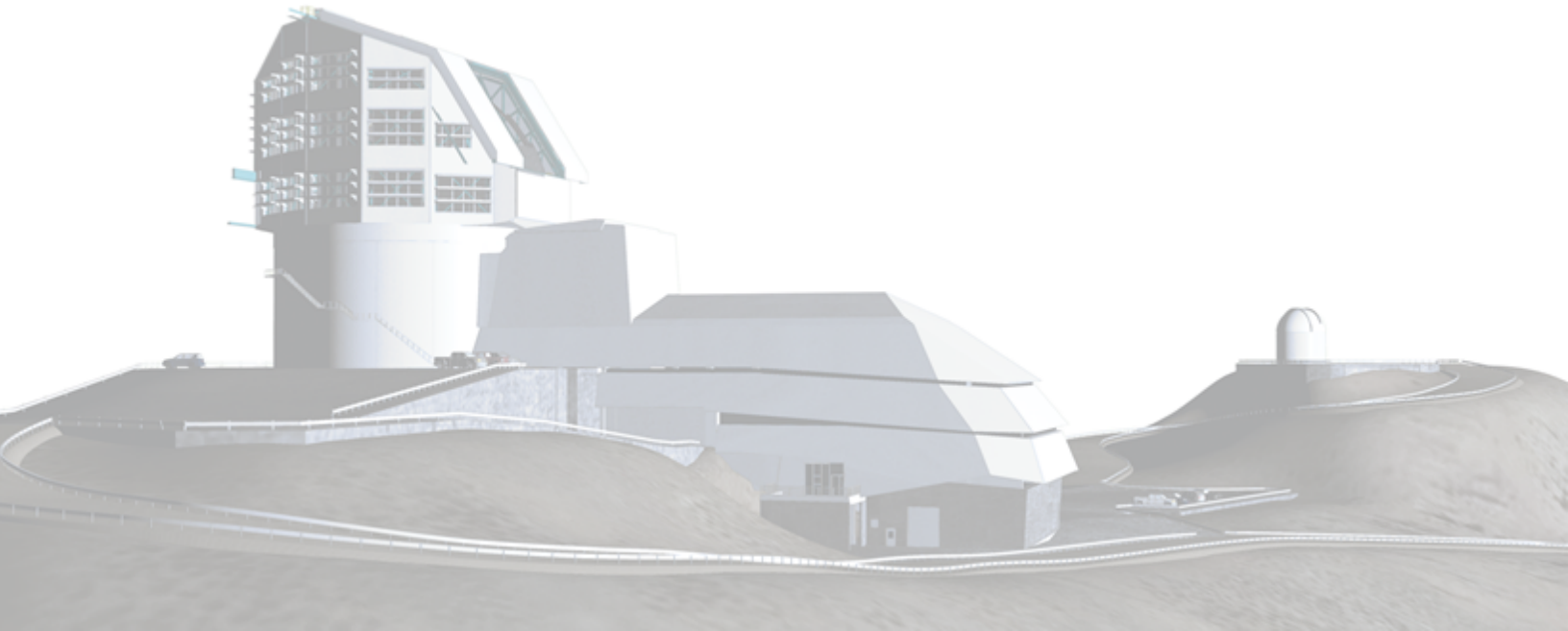
A. Author, B. Author, and C. Author

DMTN-nnn

Latest Revision: 2020-07-10

Draft

DRAFT



Rubin Observatory

Abstract

This document demonstrates how to use the LSST LaTeX class files to make a Data Management tech note. Build this document in the normal way, making sure that the class file is available in the LaTeX load path.

Draft

Rubin Observatory

Change Record

Version	Date	Description	Owner name
1	2017-04-17	Initial release. Based on LDM example	Tim Jenness
2	yyyy-mm-dd	Future changes	Future person

Draft

Rubin Observatory

Contents

1 Introduction **1**

Draft

Rubin Observatory

Title of document

1 Introduction

Now write your document as you would normally write it. Different citation schemes are supported, and the default bibliography style is declared by the class. In this example we have enabled author-year citing. Use `\citeds` for citing docushare documents.

`\citedsp`: [LPM-17; LSE-30]
`\citeds`: (SRD; LPM-17; LSE-29)
`\citep[][]`: (e.g., LSST Science Collaboration, 2009; Jenness et al., 2016, are interesting)
`\cite`: McKercher (LPM-51); Wang et al. (2011)

Font checking: `Fixed width font`, SMALL CAPS, **Bold**, *Italic*, ***BoldItalic***.

Math checking: $A = \pi r^2$~(mathroman)($italic$)(sansserif)$0 == 0\xi$

$$O(x, z) = \sum_{\lambda} I(x', \lambda) \otimes D(\lambda, z) \tag{1}$$

Reference a JIRA ticket with `\jira{DM-1234}`: DM-1234.

Talk about something that relates to a requirement. OSS-REQ-1234

We can show new text and text to be removed.

XXX This is something that needs fixing.

There are special environments for calling out text blocks.

Note

Default note with default title.

Optional Note Title

This is used for note blocks.

Rubin Observatory

Warning: Scary

Some warning information.

Warning

Default warning title.

Comment for draft

This text should only appear in draft mode.

References

[LSE-29], Claver, C.F., The LSST Systems Engineering Integrated Project Team, 2017, *LSST System Requirements (LSR)*, LSE-29, URL `https://ls.st/LSE-29`

[LSE-30], Claver, C.F., The LSST Systems Engineering Integrated Project Team, 2018, *Observatory System Specifications (OSS)*, LSE-30, URL `https://ls.st/LSE-30`

[LPM-17], Ivezić, Ž., The LSST Science Collaboration, 2018, *LSST Science Requirements Document*, LPM-17, URL `https://ls.st/LPM-17`

Jenness, T., Bosch, J., Owen, R., et al., 2016, In: Software and Cyberinfrastructure for Astronomy IV, vol. 9913 of Proc. SPIE, 99130G, doi:10.1117/12.2231313, ADS Link

LSST Science Collaboration, 2009, ArXiv e-prints (`arXiv:0912.0201`), ADS Link

[LPM-51], McKercher, R., 2013, *Document Management Plan*, LPM-51, URL `https://ls.st/LPM-51`

Wang, D.L., Monkewitz, S.M., Lim, K.T., Becla, J., 2011, In: State of the Practice Reports, SC '11, 12:1–12:11, ACM, New York, NY, USA, doi:10.1145/2063348.2063364