

# Rubin Observatory

Vera C. Rubin Observatory  
Data Management

Title of document

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

DMTN-*nnn*

Latest Revision: 2020-11-13

**DRAFT**



## 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

## 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

## Contents

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Draft

# 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:  $A = \pi r^2 \sim (\text{mathroman})(\textit{italic})(\text{sansserif})0 == 0\xi$

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

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.

## 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