

Dates in LUNA

Introduction

The LUNA Viewer now (7.3+) supports date range searching. To best make use of this feature the date values must be formatted to match one of a number of patterns.

Date Patterns

Below is a list of date patterns followed by an example

Pattern	Example	Note
<code>yyyy</code>	1837	
<code>MM/dd/yyyy</code>	06/24/1837	
<code>dd MMM yyyy</code>	24 Jun 1837	You can use the full month here
<code>MM/dd/yyyy HH:mm:ss</code>	06/24/1837 17:08:56	
<code>MM/dd/yyyy hh:mm:ss aa</code>	06/24/1837 5:08:56 PM	
<code>yyyy-MM-dd HH:mm:ss</code>	1837-06-24 17:08:56	
<code>yyyy-MM-dd hh:mm:ss aa</code>	1837-06-24 5:08:56 PM	
<code>yyyy-MM-dd'T'HH:mm:ss'Z'</code>	1837-06-24:17:08:56-0800	The Z is the offset from UTC time -0800 is Pacific Standard Time
<code>yyyy-MM-dd't'HH:mm:ss'z'</code>	1837-06-24:17:08:56PST	The lowercase z is using the name like these three options: Pacific Standard Time PST GMT-08:00

Other references

[Data Templates & Data Schemas](#) to define your date fields.

See **Default Date Field** in [Creating & Editing Collection Properties](#) to choose a single date field that will be used in the simple search box.

See [Searching](#) to understand where you can do date range searches.