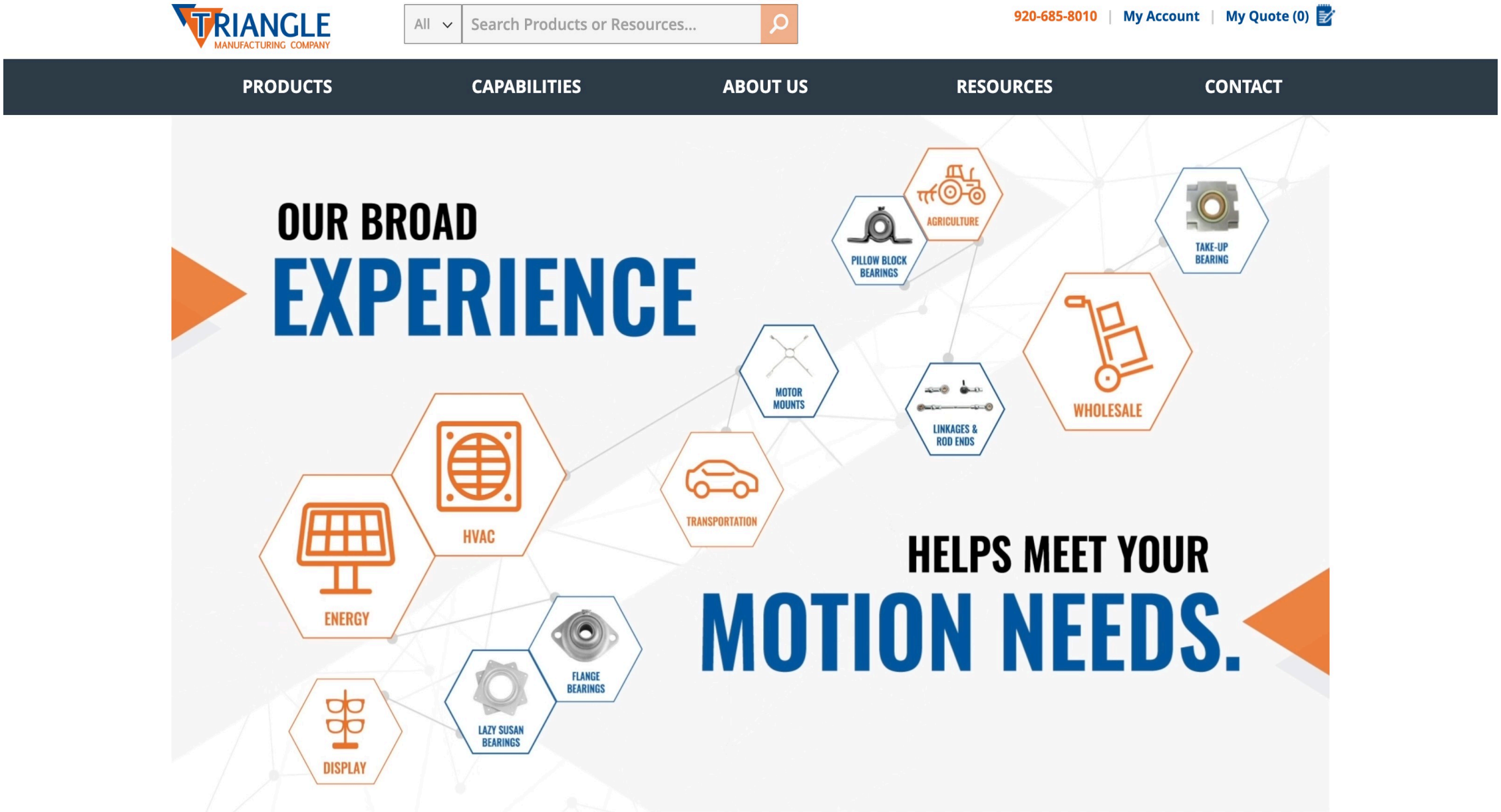
Notes system

A fast, streamlined knowledge base built using Plone

Who is it for?

- Triangle Manufacturing, a 100+ year old bearing manufacturing & engineering company
- Highly innovative, leveraging software and its team members' experience


TRIANGLE
MANUFACTURING COMPANY
All
Search Products or Resources...
920-685-8010 | My Account | My Quote (0)
PRODUCTS
CAPABILITIES
ABOUT US
RESOURCES
CONTACT
OUR BROAD
EXPERIENCE
AGRICULTURE
PILLOW BLOCK BEARINGS
TAKE-UP BEARING
MOTOR MOUNTS
LINKAGES & ROD ENDS
WHOLESALE
TRANSPORTATION
HVAC
ENERGY
FLANGE BEARINGS
LAZY SUSAN BEARINGS
DISPLAY
HELPS MEET YOUR
MOTION NEEDS.



What is this?

- A single place to write and find notes about tools & machines
- Replaces notes that used to be in CakePHP, then Odoo
- Odoo was unusably slow
- Plone version is streamlined: simple, fast, and easy to search

Tech Stack

- ZODB (Data.fs) behind a ZEO server, with multiple Plone clients in front of it — for speed
- Blicca (Plone Classic, as opposed to Volto) — again for speed, and simplicity of deployment and management
- nginx for SSL
- Deployed to a VM on a local compute cluster

Friction-less knowledge at your fingertips

- Every note is open to browse & search, without logging in
- Only editing and commenting require an account
- Easy to use, without training or experience with Plone

POLYGON
MANUFACTURING

Log in

Notes | User Guide ▼ | Tools | Search Site | Search

Home

Recent Notes

Recently created notes.

To find a Note, use the Search Site field above (or just click the Search button).

To create a Note, click this Create Note link . (If you are not logged in, you will be prompted to log in).

Annabel Lee
by C. Auguste Dupin — last modified Aug 14, 2026 09:48 AM
It was many and many a year ago, In a kingdom by the sea, That a maiden there li

The Raven
by C. Auguste Dupin — last modified Aug 14, 2026 09:48 AM
Once upon a midnight dreary, while I pondered, weak and weary, over many a quain

The Cask of Amontillado
by C. Auguste Dupin — last modified Aug 14, 2026 09:48 AM
The thousand injuries of Fortunato I had borne as I best could, but when he vent

The Tell-Tale Heart
by C. Auguste Dupin — last modified Aug 14, 2026 09:48 AM
True! — nervous — very, very dreadfully nervous I had been and am; but why will

Finding a note

- Home page shows most recent notes
- Easy built-in search also shows most recent notes

POLYGON
MANUFACTURING

Log in

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Home

Search

Search results

28149 items matching your search terms.

Filter the results ▾ Sort by ▾

Annabel Lee

by C. Auguste Dupin — last modified Aug 14, 2026 09:48 AM — filed under: C. Auguste Dupin, Ligeia, Annabel Lee

It was many and many a year ago, In a kingdom by the sea, That a maiden there li

The Raven

by C. Auguste Dupin — last modified Aug 14, 2026 09:48 AM — filed under: C. Auguste Dupin, TL9313, Annabel Lee, Roderick Usher

Once upon a midnight dreary, while I pondered, weak and weary, over many a quain

The Cask of Amontillado

by C. Auguste Dupin — last modified Aug 14, 2026 09:48 AM — filed under: C. Auguste Dupin, TL9313, Montresor, Ligeia

The thousand injuries of Fortunato I had borne as I best could, but when he vent

The Tell-Tale Heart

by C. Auguste Dupin — last modified Aug 14, 2026 09:48 AM — filed under: C. Auguste Dupin, TL9313, Roderick Usher

Viewing a note

- Portlet shows images & files contained in the note
- Another portlet shows related notes

Contained Items

Fixture, station A (Image)

Replacement insert (Image)

Related Notes: TL9313

The Cask of Amontillado

The Raven

Need help? There's a guide for that

- A "User Guide" menu with short how-tos: resetting a password, logging in, searching, creating and editing a note

POLYGON
MANUFACTURING

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User Guides (Wiki format)

New Tags Page

How to use Markdown

Rece

Recently created notes.

To find a Note, use the Search Site field above (or just click the Search button).

To create a Note, click this Create Note link . (If you are not logged in, you will be prompted to log in).

Annabel Lee
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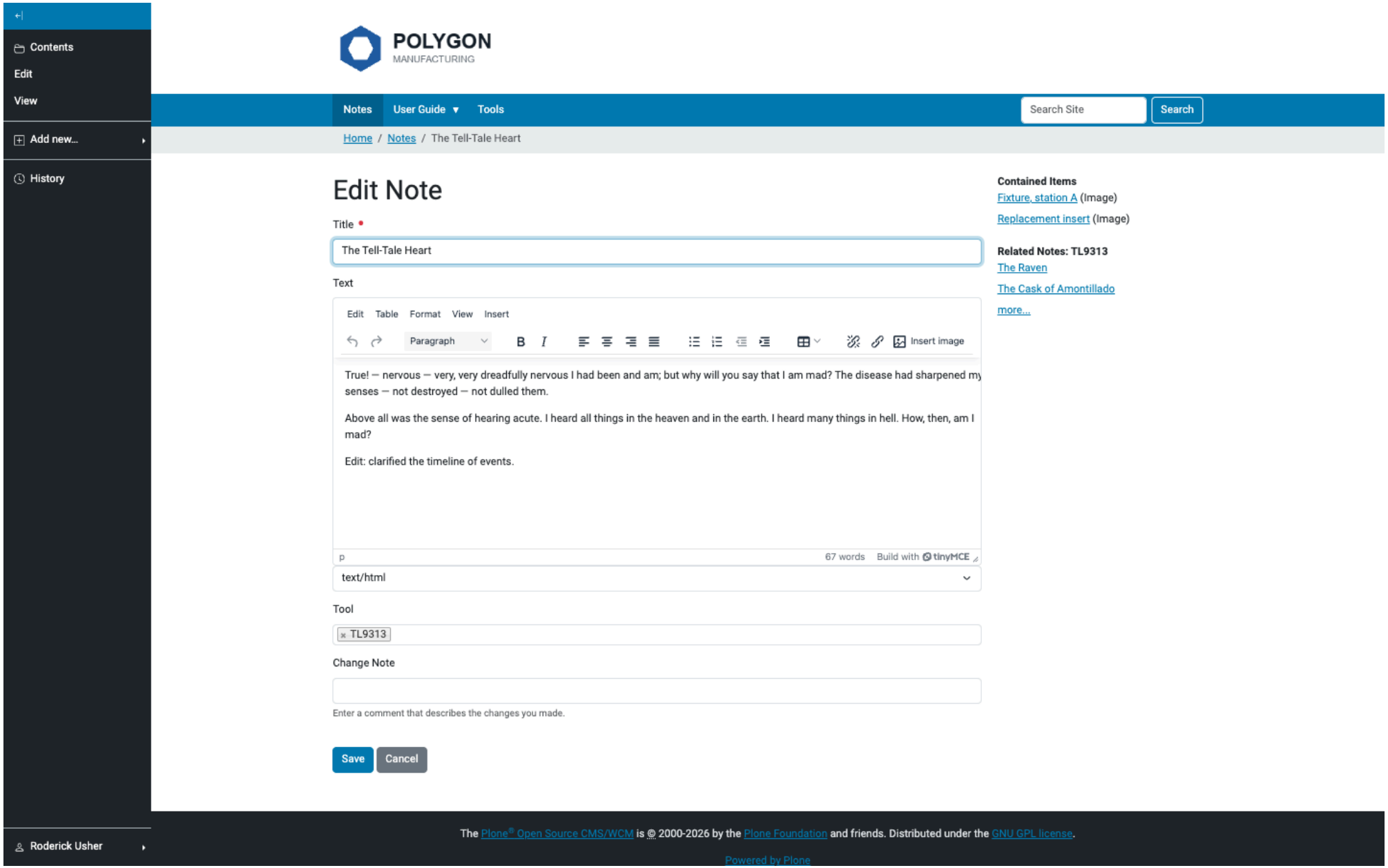
The Raven
by C. Auguste Dupin — last modified Aug 14, 2026 09:48 AM
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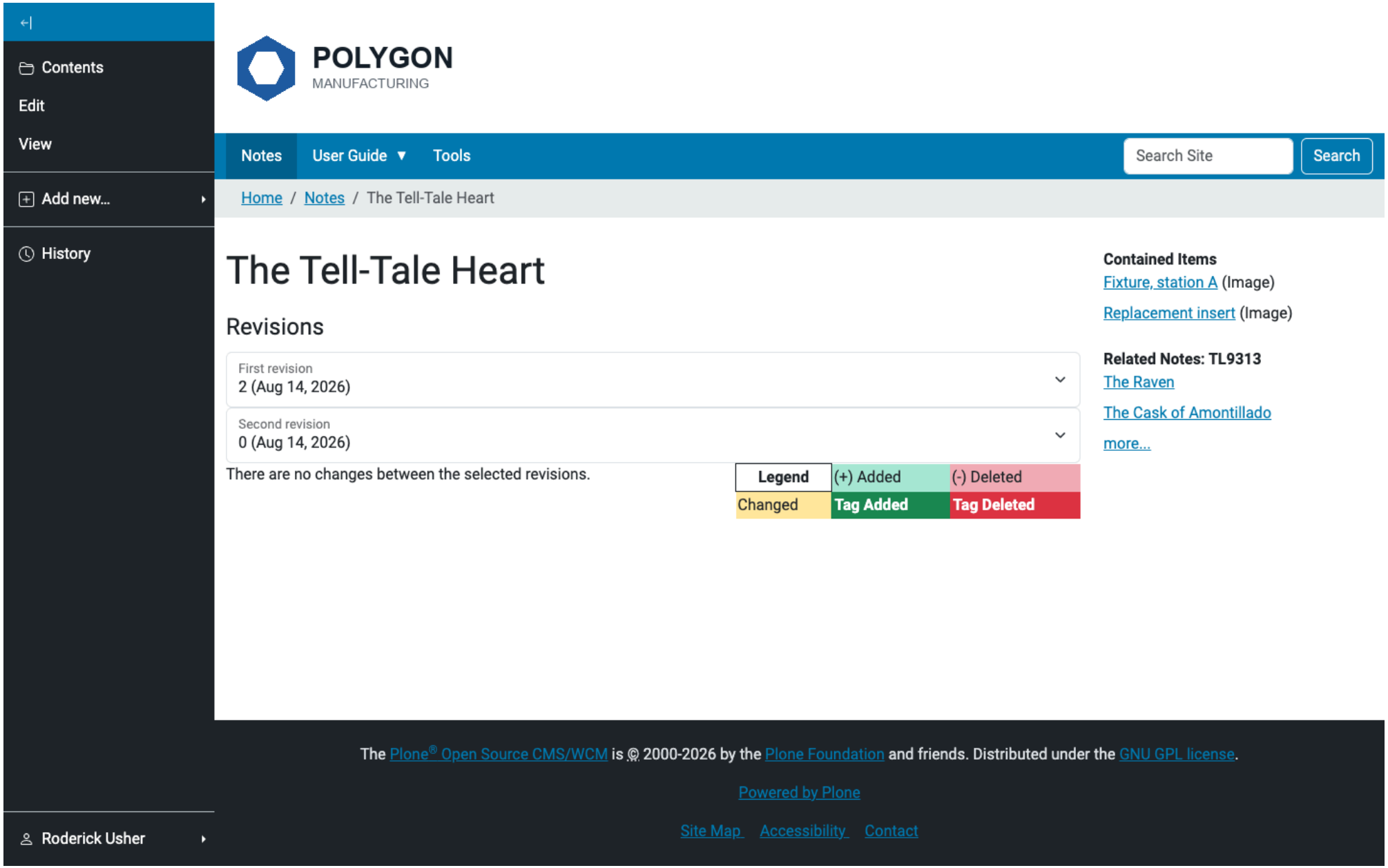
Anyone can edit any note

- Once logged in, any employee can fix or add to any note — not just their own
- (implemented as a custom workflow for Notes)


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Edit Table Format View Insert
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Insert image
True! — nervous — very, very dreadfully nervous I had been and am; but why will you say that I am mad? The disease had sharpened my senses — not destroyed — not dulled them.
Above all was the sense of hearing acute. I heard all things in the heaven and in the earth. I heard many things in hell. How, then, am I mad?
Edit: clarified the timeline of events.
p
67 words
Build with tinyMCE
text/html
Tool
TL9313
Change Note
Enter a comment that describes the changes you made.
Save
Cancel
Contained Items
Fixture, station A (Image)
Replacement insert (Image)
Related Notes: TL9313
The Raven
The Cask of Amontillado
more...
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Note Version History

- Standard Plone versioning
- (customized to allow any logged-in user to view)


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The Tell-Tale Heart
Revisions
First revision
2 (Aug 14, 2026)
Second revision
0 (Aug 14, 2026)
There are no changes between the selected revisions.
Legend
(+) Added
(-) Deleted
Changed
Tag Added
Tag Deleted
Contained Items
Fixture, station A (Image)
Replacement insert (Image)
Related Notes: TL9313
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Site Map
Accessibility
Contact

Commenting

- Logged-in users can comment on a note
- Optionally get an email when someone replies

admin

Sep 22, 2026 02:05 PM

This is a really helpful walkthrough, thanks for posting it!

Edit Delete

Reply

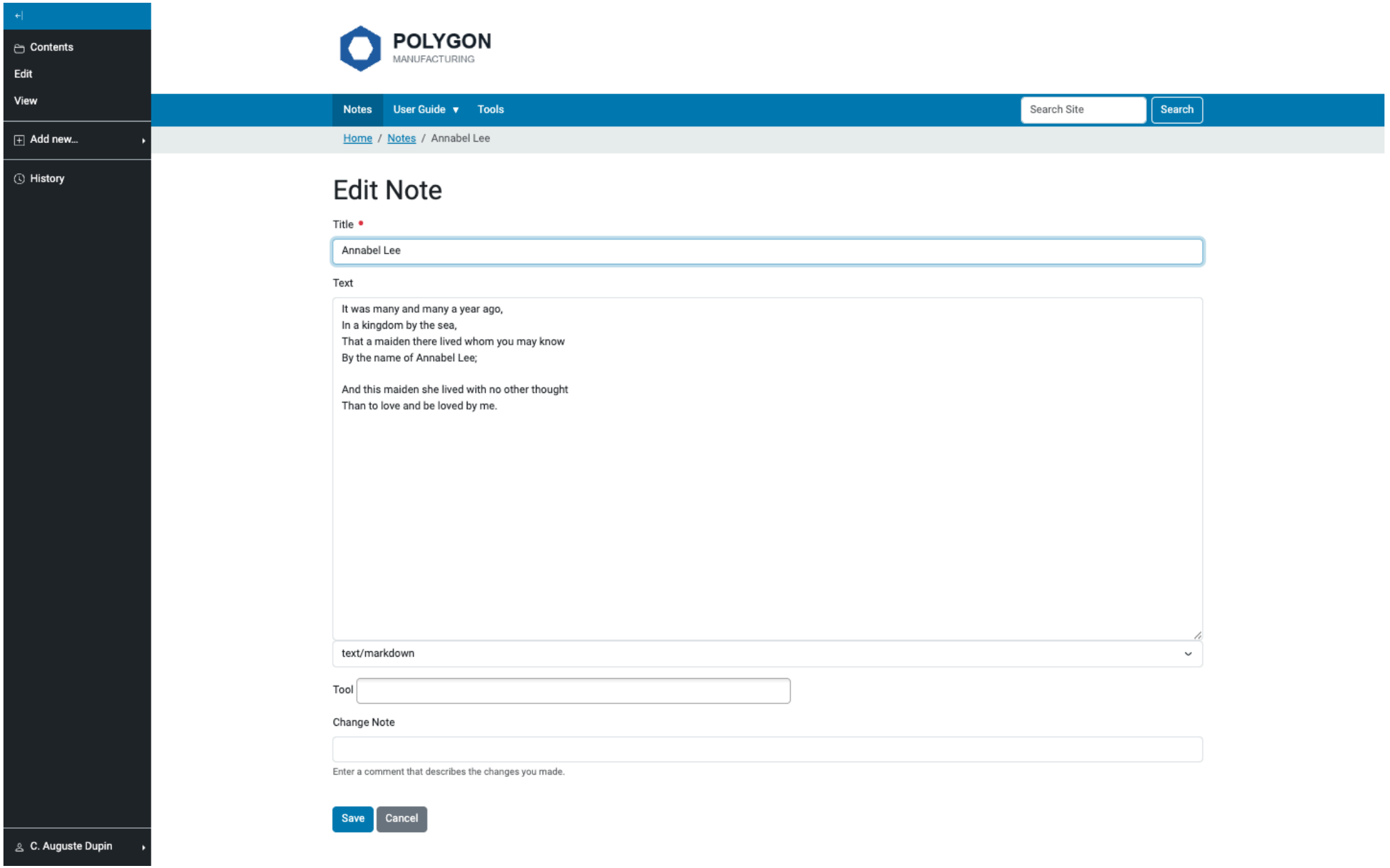
Add comment

You can add a comment by filling out the form below. Plain text formatting.

Comment •

Simplifying adding a note

- Just a title, the note itself, and which tool it's about
- Unnecessary tabs & fields are hidden
- "Change note" field hidden on add form
- Summary is auto-generated (first 80 characters of note text)
- Images pasted into the note text are automatically extracted from the note
    - based on collective.base64imagepatch by Maurits van Rees ❤️


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Edit Note
Title
Annabel Lee
Text
It was many and many a year ago,
In a kingdom by the sea,
That a maiden there lived whom you may know
By the name of Annabel Lee;
And this maiden she lived with no other thought
Than to love and be loved by me.
text/markdown
Tool
Change Note
Enter a comment that describes the changes you made.
Save
Cancel

Home / Notes

Add Note

Title •

Overhead door bracket - before/after

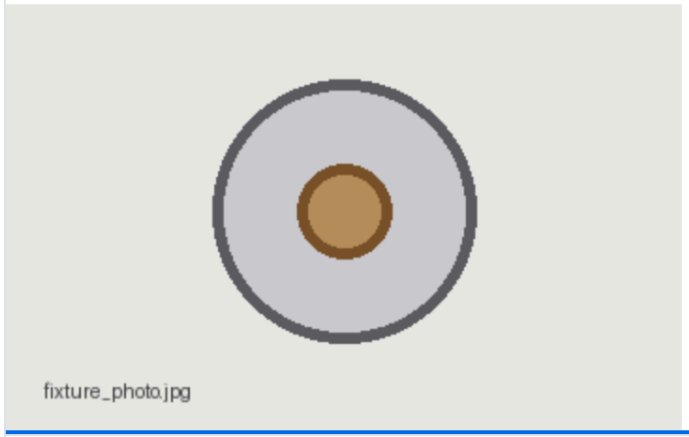
Text

Edit Table Format View Insert

Paragraph

Insert image

Pasted a photo of the bracket straight from my phone:



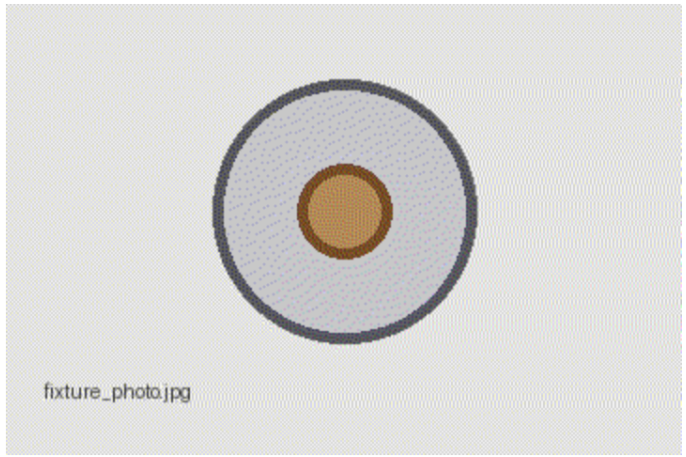
p 10 words Build with tinyMCE

text/html

Overhead door bracket - before/after

by Annabel Lee — last modified Sep 22, 2026

Pasted a photo of the bracket straight from my phone:



Contained Items
overhead-door-bracket-before-after.image1 (Image)

Related Notes: TL9313
more...

Find every note about a tool

- Search understands tool numbers even if you only remember part of one, or the capitalization is off

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9313 Search

Search results for 9313

3 items matching your search terms. Filter the results ▾ Sort by ▾

The Tell-Tale Heart

by C. Auguste Dupin — last modified Aug 14, 2026 09:48 AM — filed under: C. Auguste Dupin, TL9313, Roderick Usher

True! — nervous — very, very dreadfully nervous I had been and am; but why will

The Raven

by C. Auguste Dupin — last modified Aug 14, 2026 09:48 AM — filed under: C. Auguste Dupin, TL9313, Annabel Lee, Roderick Usher

Once upon a midnight dreary, while I pondered, weak and weary, over many a quain

The Cask of Amontillado

by C. Auguste Dupin — last modified Aug 14, 2026 09:48 AM — filed under: C. Auguste Dupin, TL9313, Montresor, Ligeia

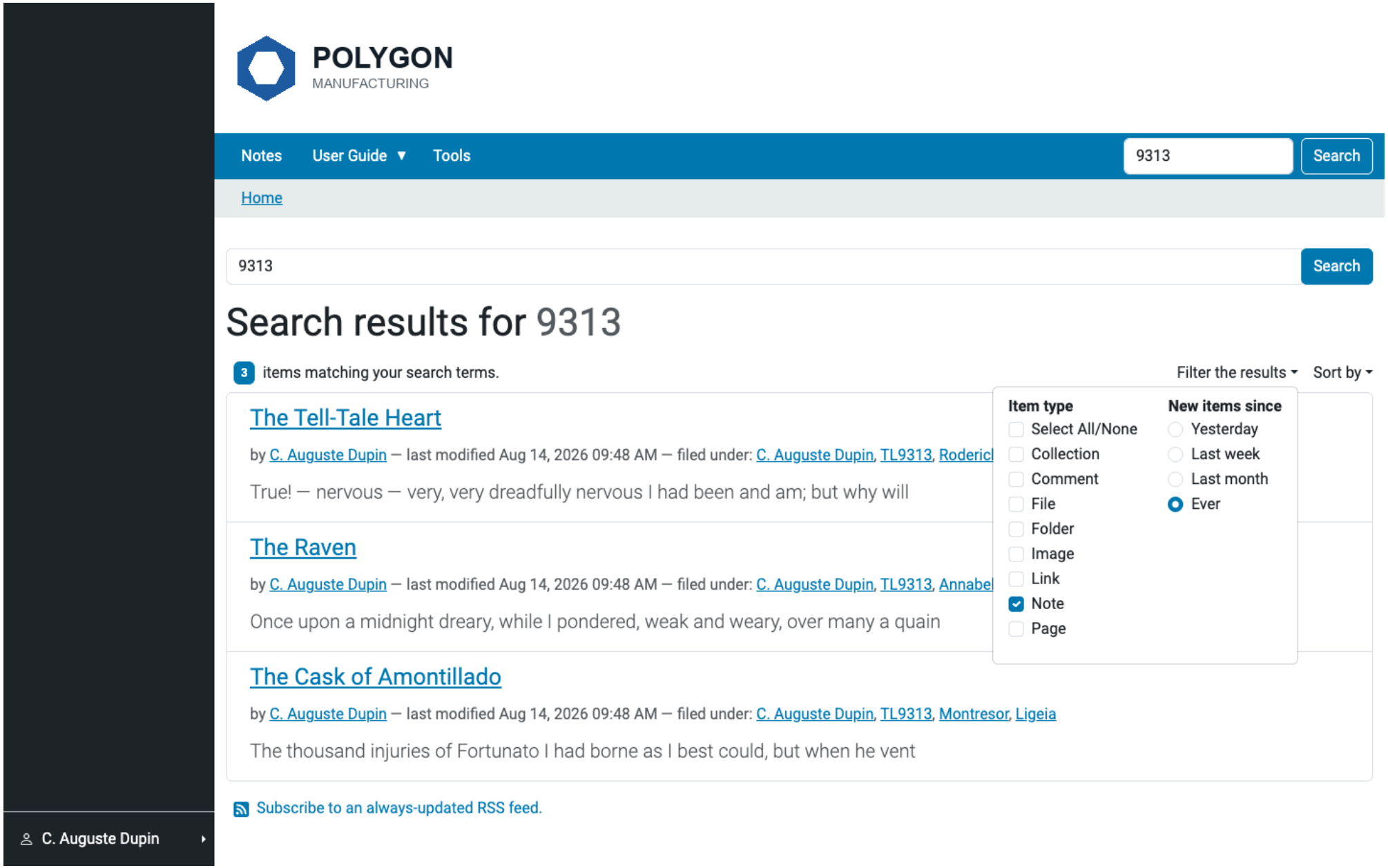
The thousand injuries of Fortunato I had borne as I best could, but when he vent

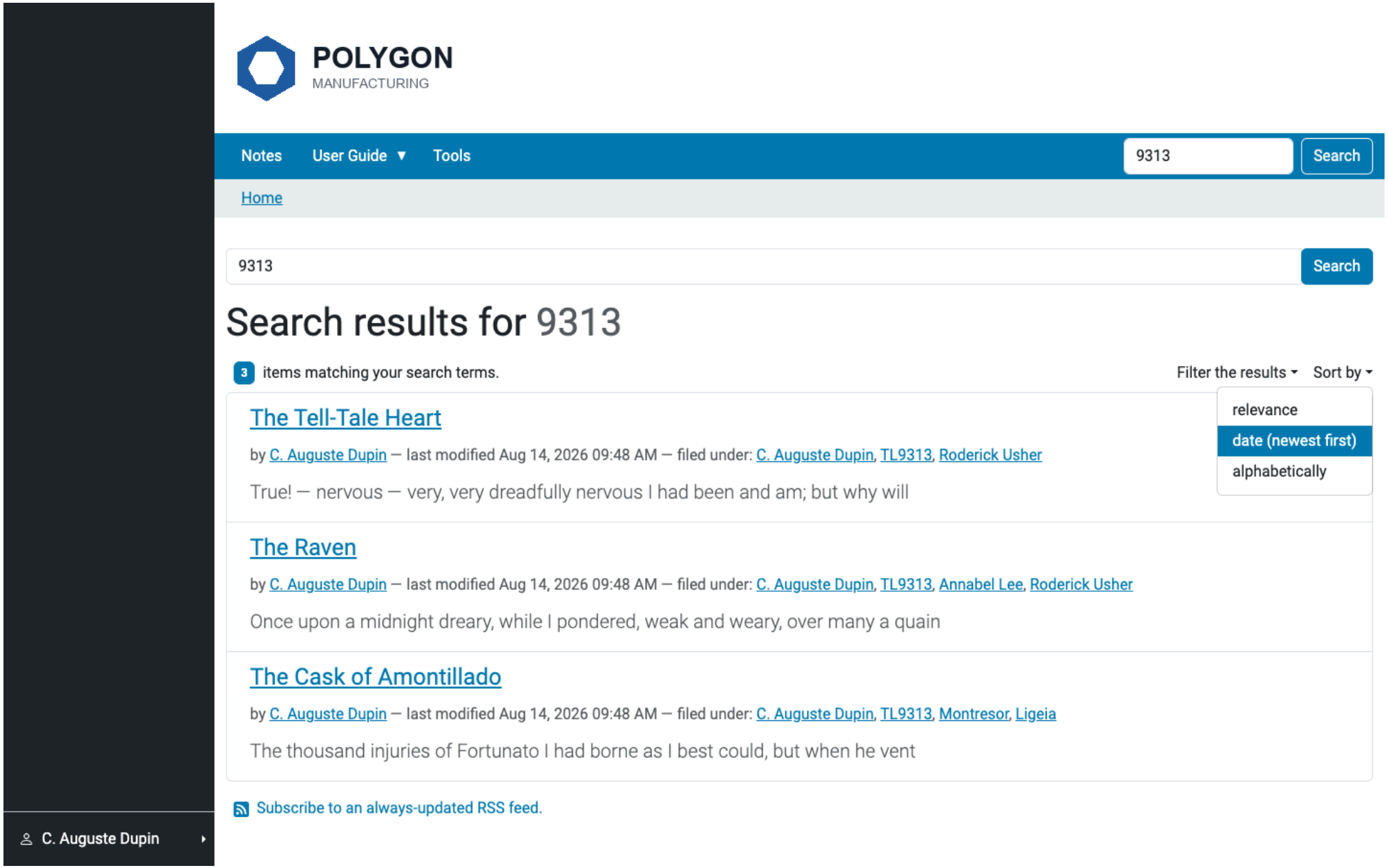
Subscribe to an always-updated RSS feed.

C. Auguste Dupin

Standard search results filtering

- Filter by type, sort by date or title


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Search results for 9313
3 items matching your search terms.
Filter the results
Sort by
Item type
Select All/None
Collection
Comment
File
Folder
Image
Link
Note
Page
New items since
Yesterday
Last week
Last month
Ever
The Tell-Tale Heart
by C. Auguste Dupin — last modified Aug 14, 2026 09:48 AM — filed under: C. Auguste Dupin, TL9313, Roderic
True! — nervous — very, very dreadfully nervous I had been and am; but why will
The Raven
by C. Auguste Dupin — last modified Aug 14, 2026 09:48 AM — filed under: C. Auguste Dupin, TL9313, Annabel
Once upon a midnight dreary, while I pondered, weak and weary, over many a quain
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by C. Auguste Dupin — last modified Aug 14, 2026 09:48 AM — filed under: C. Auguste Dupin, TL9313, Montresor, Ligeia
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C. Auguste Dupin


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alphabetically
The Tell-Tale Heart
by C. Auguste Dupin — last modified Aug 14, 2026 09:48 AM — filed under: C. Auguste Dupin, TL9313, Roderick Usher
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by C. Auguste Dupin — last modified Aug 14, 2026 09:48 AM — filed under: C. Auguste Dupin, TL9313, Montresor, Ligeia
The thousand injuries of Fortunato I had borne as I best could, but when he vent
Subscribe to an always-updated RSS feed.
C. Auguste Dupin

Author links become keyword searches

- Clicking an author's name doesn't open their Plone profile — it searches for every note they've created or updated
- (their name is indexed as a Subject keyword, just like tool numbers)

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Search results

3 items matching your search terms.

Filter the results | Sort by

The Cask of Amontillado

by Roderick Usher — last modified Sep 22, 2026 02:33 PM — filed under: TL9313, Roderick Usher, admin

The thousand injuries of Fortunato I had borne as I best could.

The Raven

by Roderick Usher — last modified Sep 22, 2026 02:33 PM — filed under: TL9313, Roderick Usher, admin

Once upon a midnight dreary, while I pondered, weak and weary.

The Tell-Tale Heart

by Roderick Usher — last modified Sep 22, 2026 02:33 PM — filed under: TL9313, Roderick Usher, admin

True! nervous, very, very dreadfully nervous I had been and am. The disease had

Subscribe to an always-updated RSS feed.

See recent related notes

- Note portlet shows related notes about the same tool

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The Tell-Tale Heart

by C. Auguste Dupin — last modified Aug 14, 2026

True! — nervous — very, very dreadfully nervous I had been and am; but why will you say that I am mad? The disease had sharpened my senses — not destroyed — not dulled them.

Above all was the sense of hearing acute. I heard all things in the heaven and in the earth. I heard many things in hell. How, then, am I mad?

Edit: clarified the timeline of events.

Contained Items

Fixture, station A (Image)

Replacement insert (Image)

Related Notes: TL9313

The Raven

The Cask of Amontillado

more...

Details

Tool	TL9313
Last Updated On	Aug 14, 2026 09:48 AM
Created By	Roderick Usher
Last Updated By	C. Auguste Dupin

Roderick Usher
Aug 14, 2026 09:49 AM

The tell-tale heart still beats beneath the planks -- great write-up!

Edit

A directory of every tool keyword

- Every tool keyword can have a description
- Keywords and descriptions are searchable & editable (by admins)

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Tool Keywords

by admin — last modified Jul 31, 2026

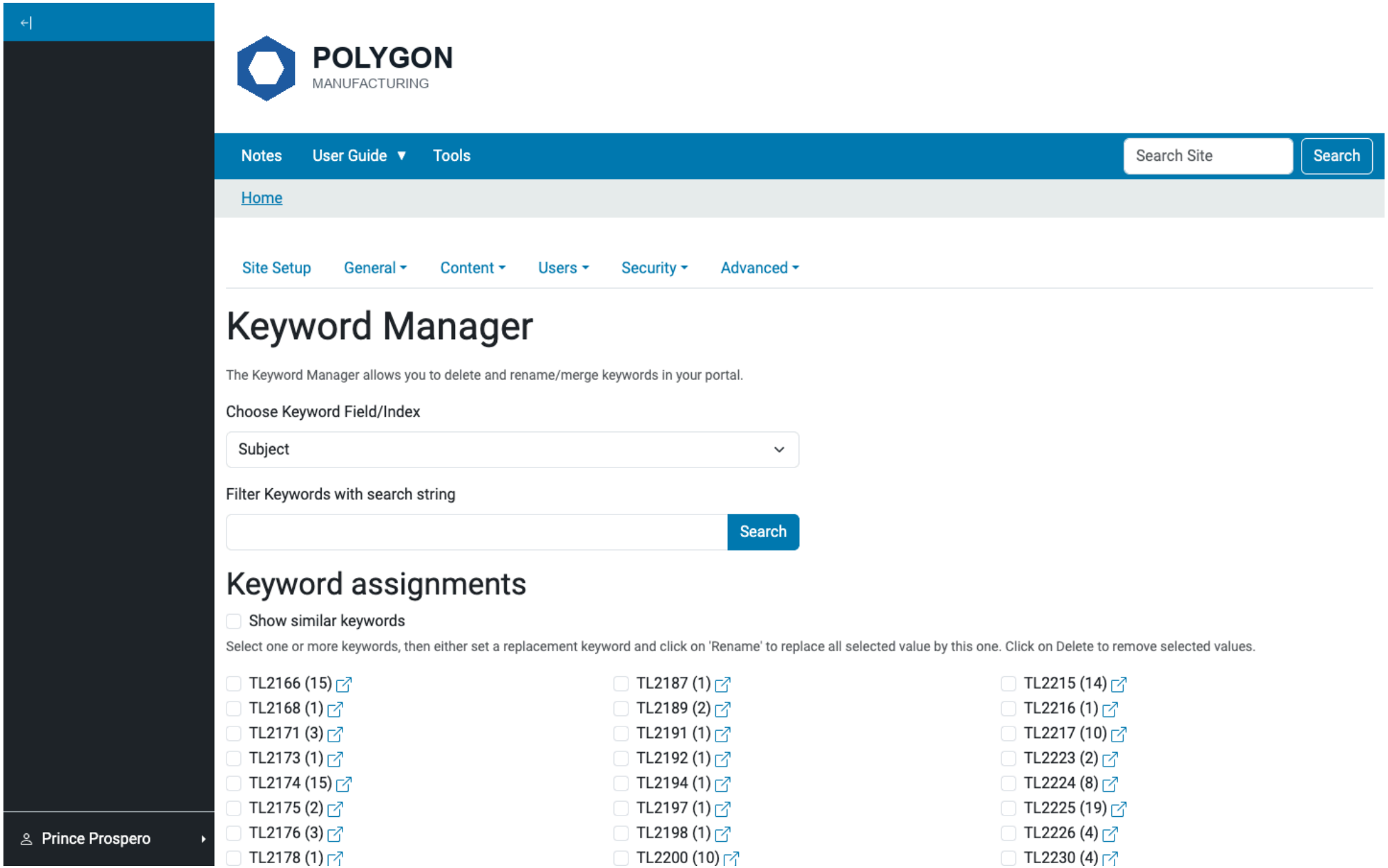
Filter keywords... Filter

Keyword	Description
TL**** *(not currently used)*	Quoth the Raven, 'Nevermore.'
TL0001 *(not currently used)*	True! nervous, very dreadful nervous I had been
TL0002	The fever called 'Living' is conquered at last
TL0003	It was many and many a year ago, in a kingdom by the sea
TL0004	All that we see or seem is but a dream within a dream
TL0005	The boundaries which divide Life from Death are shadowy
TL0006	Once upon a midnight dreary, while I pondered, weak and weary
TL0007	And the silken sad uncertain rustling of each purple curtain

C. Auguste Dupin

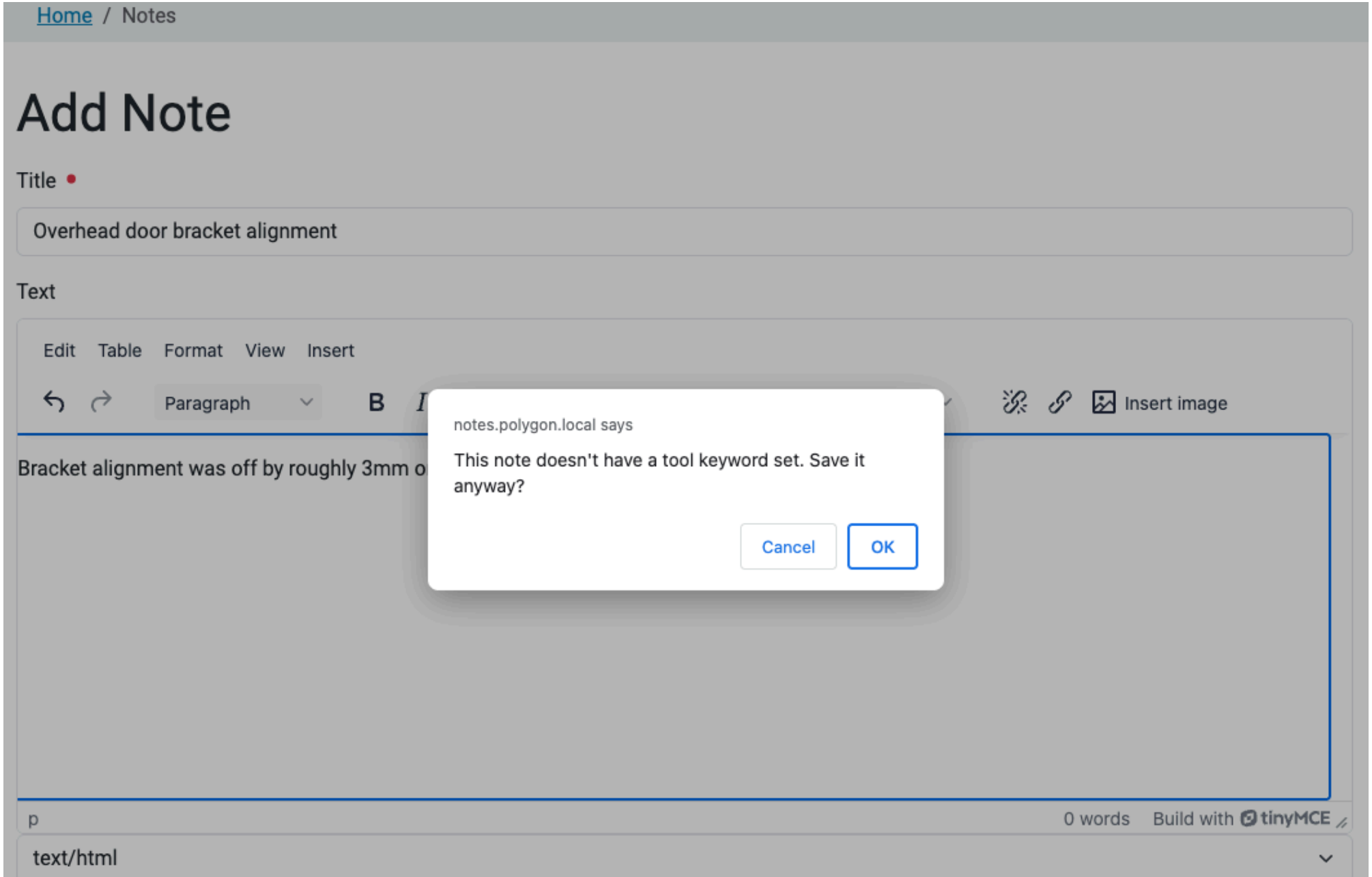
Cleaning up duplicate tags

- Keyword manager add-on for renaming & merging/removing tool keywords


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Keyword Manager
The Keyword Manager allows you to delete and rename/merge keywords in your portal.
Choose Keyword Field/Index
Subject
Filter Keywords with search string
Search
Keyword assignments
Show similar keywords
Select one or more keywords, then either set a replacement keyword and click on 'Rename' to replace all selected value by this one. Click on Delete to remove selected values.
TL2166 (15)
TL2168 (1)
TL2171 (3)
TL2173 (1)
TL2174 (15)
TL2175 (2)
TL2176 (3)
TL2178 (1)
TL2187 (1)
TL2189 (2)
TL2191 (1)
TL2192 (1)
TL2194 (1)
TL2197 (1)
TL2198 (1)
TL2200 (10)
TL2215 (14)
TL2216 (1)
TL2217 (10)
TL2223 (2)
TL2224 (8)
TL2225 (19)
TL2226 (4)
TL2230 (4)
Prince Prospero

Gentle reminders to specify a tool

- About to save a note without a tool keyword? Reminder pops up before it saves
- Notes missing a tool are also flagged when you look at them later


Home / Notes
Add Note
Title
Overhead door bracket alignment
Text
Edit Table Format View Insert
Paragraph
Insert image
Bracket alignment was off by roughly 3mm o
notes.polygon.local says
This note doesn't have a tool keyword set. Save it anyway?
Cancel
OK
p
0 words
Build with tinyMCE
text/html

No tool keyword has been specified for this note.

The Pit and the Pendulum

by Morella — last modified Sep 22, 2026

The sentence – the dread sentence of death -- was the last of distinct accentuation which reached my ears.

Details

Tool	-
Last Updated On	Sep 22, 2026 11:46 AM
Created By	Morella

Encouraging note creating

- A leaderboard shows who's been creating and updating notes — this week, this month, this year, ever
- Used by team leads

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Note Activity Dashboard

by Israfel — last modified Jul 31, 2026

Notes created and edited by each person, by time period.

Past week

Created

Author	Notes created
Madeline Usher	2
Roderick Usher	1
Montresor	1
Annabel Lee	1
Ligeia	1
Berenice	1
Prince Prospero	1
Monsieur Valdemar	1
Morella	1

Edited

Editor	Notes edited
Madeline Usher	2
Israfel	2
C. Auguste Dupin	1
Ligeia	1
Roderick Usher	1
Annabel Lee	1
Berenice	1
Prince Prospero	1
Monsieur Valdemar	1

C. Auguste Dupin

Experimental chat assistant

- Portlet lets you ask questions about a note or request insights about a note
- Runs internally (Ollama: qwen2.5:7b + mxbai-embed-large)

Ask about this note (experimental)

Ask a question... Ask

Broaden to related notes on this tool

Insights & recommendations

Ask about this note (experimental)

What sense does the narrator say became more acute, and what are they listening for?

According to the narrator, the sense that became more acute is "the sense of hearing". They are listening for a "hum" coming from beneath the floor of the press room.
TL9999 — The Tell-Tale Hum

Insights & recommendations

Based on the Note's content in light of its linked Tool (which is not provided), I'll assume the Tool is related to sound or audio analysis. Here's a short, plain-language read:

The note describes an intense, unsettling experience where the author's sense of hearing was heightened. They report detecting a hum coming from beneath a press room floor that grew louder with each movement.
TL9999 — The Tell-Tale Hum

Ask a question... Ask

Broaden to related notes on this tool

Insights & recommendations

How the system has been received

Reception has been very positive — people mention how easy it is to use, and how fast it is.

- Finding a note or a tool comes back instantly
- Super fast clickable tool & author keyword search
- A huge step up from the old Odoo notes experience

What's next

- Track views of notes, general traffic
- Pull in more information automatically from other company systems
- Auto-generate summaries of long notes using AI
- Add capability for data analysis leading to recommendations or surfacing of hidden issues

Questions?

T. Kim Nguyen

- Plone forum & Discord: **tkimnguyen**
- Email: **nguyen@plone.org**

Built with Marp — turns this markdown file into HTML, PDF, or PowerPoint slides.

