

Agenda



- AI + TC = ❤️
- AI + TC use cases
- Oxygen AI Positron Assistant
- Demo
- Future directions

AI = artificial intelligence

TC = technical content

AI + TC = ❤️

- **AI models** are trained using human-written content.
- **Technical writers** can be assisted by AI in writing much faster and writing better.
- **AI-provided content** needs human review, because it may be inaccurate.
- **Human-written content** can be quickly reviewed and improved using AI.
- **AI** has ingested content written by humans over a large period of time.
- **Humans** now benefit from the blazing fast answers AI can provide.



P.S. - Love can be rough, but it's worth fighting for.

AI + TC use cases

- Writing the initial draft of a document in seconds.
- Expansion of ideas.
- Rewriting content:
 - Correct grammar and spelling.
 - Make it simpler and clearer.
 - Use a specific style, format, length or tone of voice.
 - Have a specific audience in view.
- Translations.
- Insight into technical documentation: summary, explanations, see what questions the content answers, etc.
- Refactoring.



Oxygen AI Positron Assistant Add-on



- Uses the Oxygen AI Positron service, built on top of OpenAI ChatGPT.
- Helps technical writers generate, review and rewrite content.
- The service is free to use for up to 250 requests per month.
- Compatible with Oxygen XML Editor / Author / Developer v25.0+.

Demo time!



Future directions

- More is more (d'oh) – new actions and more action customizations.
- Migrate the Positron Assistant to Oxygen XML Web Author.
- Perhaps support multiple LLM providers.
- AI documentation chat

AI-positron doc-chat

"Oxygen DITA-OT CSS Publishing to PDF Plugin"

USER
Is it possible to protect my generated PDF?

ASSISTANT
{ "status": "need-more-data", "query": ["protect", "PDF", "security"] }

The assistant needs more data. It suggests the query: [protect, PDF, security]
Performing search

DOCUMENTATION:
Topics found by compound search

1. [How to Protect PDF Files by Setting Security Permissions](#)
Security
2. [Metadata](#)
Customizing PDF Output Using CSS
3. [PDF Bookmarks](#)
Customizing PDF Output Using CSS
4. [Publishing Template Package Contents for PDF Customizations](#)
Publishing Templates

1. [How to Protect PDF Files by Setting Security Permissions](#)
Security
2. [Metadata](#)
Customizing PDF Output Using CSS
3. [PDF Bookmarks](#)
Customizing PDF Output Using CSS
4. [Publishing Template Package Contents for PDF Customizations](#)
Publishing Templates

ASSISTANT
Yes, it is possible to protect your generated PDF by setting security permissions. You can restrict access to the document and limit actions such as printing and copying. To do this, you can use the following parameters:

- `pdf.security.owner.password`: Set an owner password for full permissions.
- `pdf.security.user.password`: Set a user password for restricted access.
- `pdf.security.restrict.print`: Set to 'yes' to restrict users from printing.
- `pdf.security.restrict.copy`: Set to 'yes' to restrict users from copying content.

Documentation source: [How to Protect PDF Files by Setting Security Permissions](#)

The assistant is sure about the response.

USER

Send Stop Clear

Resources

- Oxygen AI Positron Assistant Add-on
https://blog.oxygenxml.com/topics/ai_positron.html
- Best practices for prompt engineering with OpenAI API
<https://help.openai.com/en/articles/6654000-best-practices-for-prompt-engineering-with-openai-api>

THANK YOU!

Any questions?

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