

# EXTENDING THE FUNCTIONALITY OF OXYGEN USING ADD-ONS

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# 1. What is an add-on?

- An accessory designed to increase the capability of a core.
- Two types of add-ons are supported in Oxygen:
  1. **Frameworks** - a framework is collection of files (stylesheets, schemas, transformation scenarios, actions, etc.) that provide custom functionality for a specific type of document.
  2. **Plugins** - a plug-in is a software component that adds extended functionality using a series of extension points provided by Oxygen.

## 2. Some benefits of add-ons

- Most of our add-ons are open-source (available on GitHub):
  - ➔ Users can take issues into their own hands. Contributions are highly encouraged.
  - ➔ These add-ons can be used as starting points for yours.
- Several of them can be released at faster pace than Oxygen.
- We have a community add-on repository:  
[https://www.oxygenxml.com/oxygen\\_sdk/community.html](https://www.oxygenxml.com/oxygen_sdk/community.html)
- Very easy to install.
- A few more other benefits for the Oxygen team.

## 3. Installing an add-on

Live demo...



## 4. Add-ons developed by the Oxygen team

- Git Client - <https://github.com/oxygenxml/oxygen-git-plugin>
- Batch Converter - <https://github.com/oxygenxml/oxygen-resources-converter>
- DITA References View - <https://github.com/oxygenxml/oxygen-dita-outgoing-references-view>
- DocBook Validation - <https://github.com/oxygenxml/oxygen-docbook-validate-check-completeness>
- Emmet plugin - <https://www.oxygenxml.com/doc/versions/22.0/ug-editor/topics/emmet-addon.html>
- CMIS Client (alpha) - <https://github.com/oxygenxml/oxygen-cmis-plugin>
- More:

[https://blog.oxygenxml.com/topics/all\\_about\\_oxygen\\_add\\_ons.html#all\\_about\\_oxygen\\_add\\_ons\\_\\_section\\_h14\\_jwg\\_lkb](https://blog.oxygenxml.com/topics/all_about_oxygen_add_ons.html#all_about_oxygen_add_ons__section_h14_jwg_lkb)

## 5. A closer look

Live demo...



## 6. Possible directions for the future

- Better branch management in the Git client
- Incoming references tab for the DITA References view
- Create a DITA Map hierarchy from Word with the Batch Converter
- Other possible add-ons:
  - Perforce Helix Core client
  - Google Translate integration
  - Reuse Analysis
  - Feel free to share ideas :)



# THANK YOU!

## **Any questions?**

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