

Using the Panecal Scientific Calculator

Contents

Chapter 1. Setting Up Your Environment.....	3
Environment setup - Introduction.....	3
Installing the Oxygen XML Authoring Tool.....	3
Chapter 2. Documentation Development Life Cycle.....	7

Chapter 1. Setting Up Your Environment

Environment setup - Introduction

Tools setup to build the user guide for the Panecal Scientific Calculator.

To build the user guide for the Panecal Scientific Calculator, you must first set up the environment on your computer as follows:

- Install the trial version of Oxygen XML authoring tool (version 25.0 above).
- Upload the Oxygen XML files in a public GitHub repository.
- Publish and share your deliverable using the public GitHub repository.

System requirements

Figure 1. Oxygen - First breath system requirements

Oxygen: First Breath System Requirements	
Oxygen: First Breath recommended requirements	Oxygen: First Breath minimum requirements
▪ Memory: 8 GB	▪ Memory: 4 GB
▪ Graphics Card: NVIDIA GeForce GTX 750	▪ Graphics Card: NVIDIA GeForce GTX 650
▪ CPU: Intel Core i5-4460	▪ CPU: Intel Core i3-6100T
▪ File Size: 600 MB	▪ File Size: 600 MB
▪ OS: Windows 7 64-bit Windows 8 64-	▪ OS: Windows 7 64-bit Windows 8 64-

Installing the Oxygen XML Authoring Tool

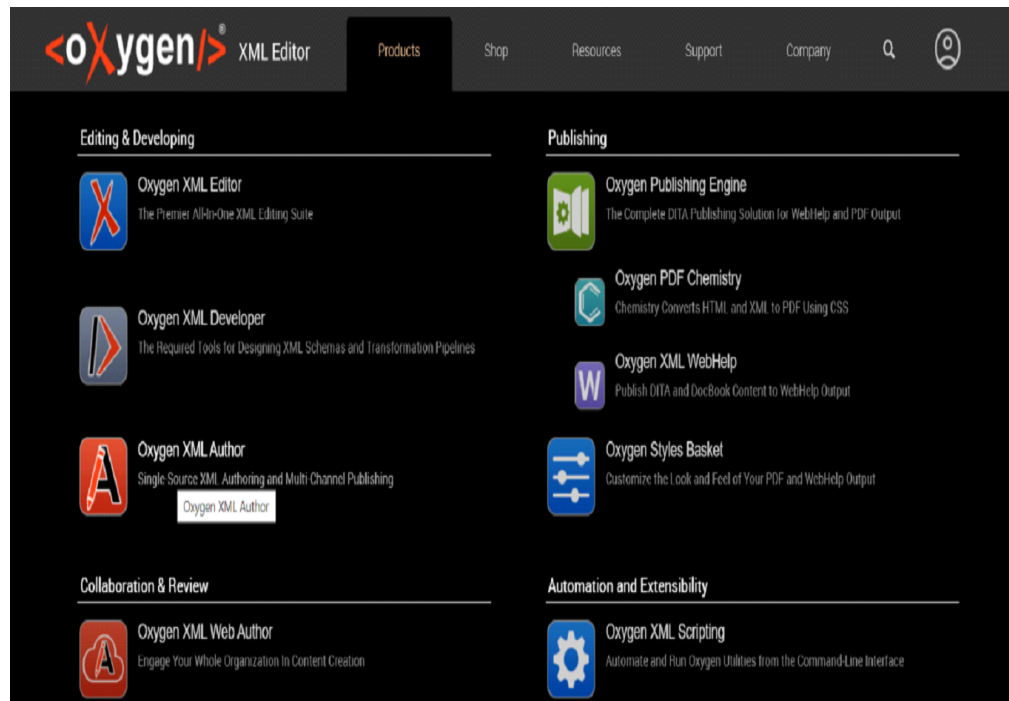
Get started using one of the best XML authoring tools - Oxygen!

Ensure that your computer satisfies the basic system requirements to install the Oxygen XML authoring tool.

Install the Oxygen XML Authoring Tool (version 25.0 or later).

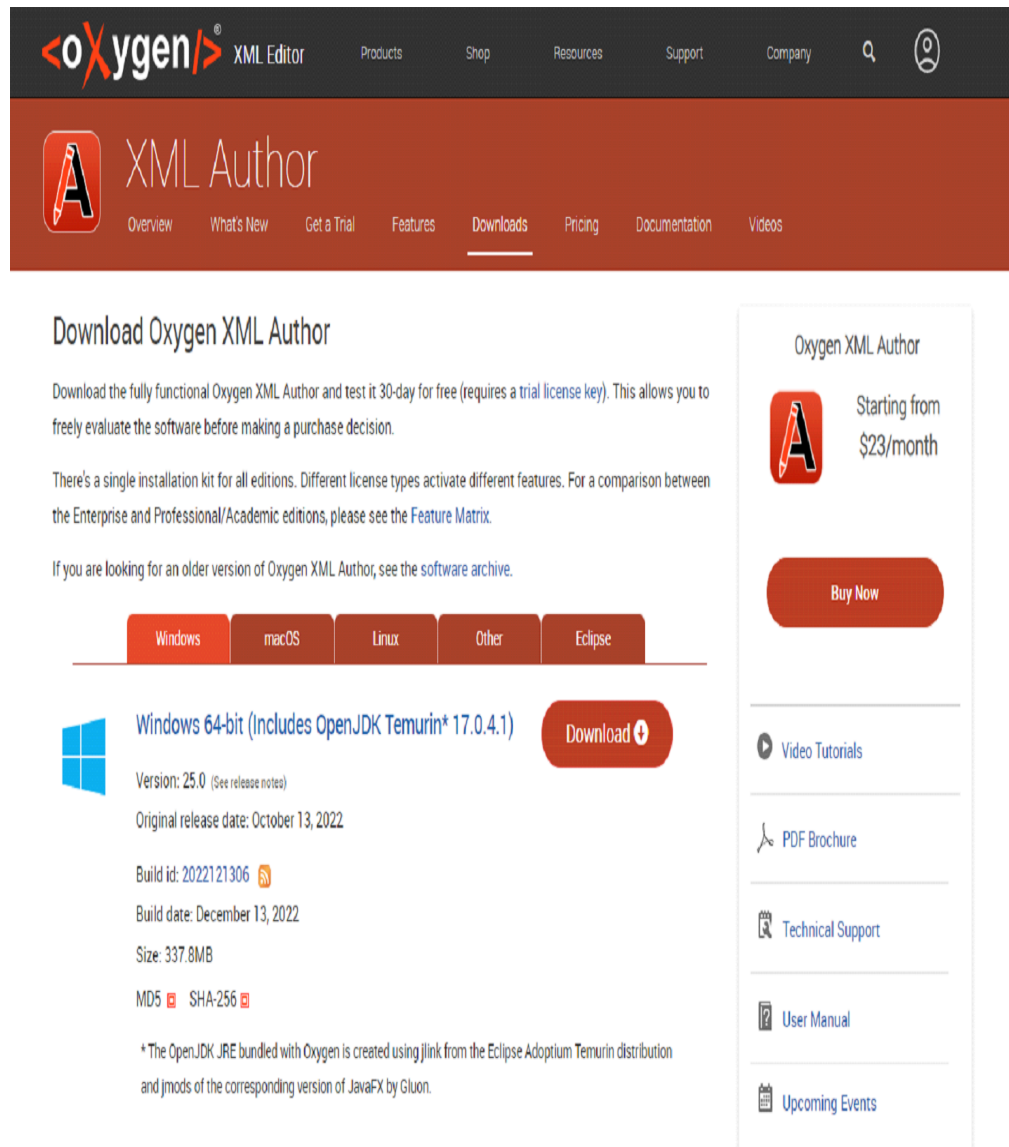
1. On a browser instance, type www.oxygenxml.com.
2. Click **ProductsOxygen XML Author**.

Figure 2. Installation -- Products-Oxygen XML Author



3. Click **Download**.
4. On the page, select the tab that corresponds to your operating system, and click **Download**.

Figure 3. Installation -- Download Oxygen XML Author for 64-bit Windows



The screenshot shows the Oxygen XML Editor website. The top navigation bar includes links for Products, Shop, Resources, Support, and Company. The main header features the Oxygen XML Editor logo and the product name "XML Author". Below the header, there are tabs for Overview, What's New, Get a Trial, Features, Downloads (selected), Pricing, Documentation, and Videos.

Download Oxygen XML Author

Download the fully functional Oxygen XML Author and test it 30-day for free (requires a [trial license key](#)). This allows you to freely evaluate the software before making a purchase decision.

There's a single installation kit for all editions. Different license types activate different features. For a comparison between the Enterprise and Professional/Academic editions, please see the [Feature Matrix](#).

If you are looking for an older version of Oxygen XML Author, see the [software archive](#).

Operating System Selection: Windows (selected), macOS, Linux, Other, Eclipse

Windows 64-bit (Includes OpenJDK Temurin* 17.0.4.1) [Download](#)

Version: 25.0 (See release notes)
 Original release date: October 13, 2022
 Build id: 2022121306
 Build date: December 13, 2022
 Size: 337.8MB
 MD5: SHA-256

*The OpenJDK JRE bundled with Oxygen is created using jlink from the Eclipse Adoptium Temurin distribution and jmods of the corresponding version of JavaFX by Gluon.

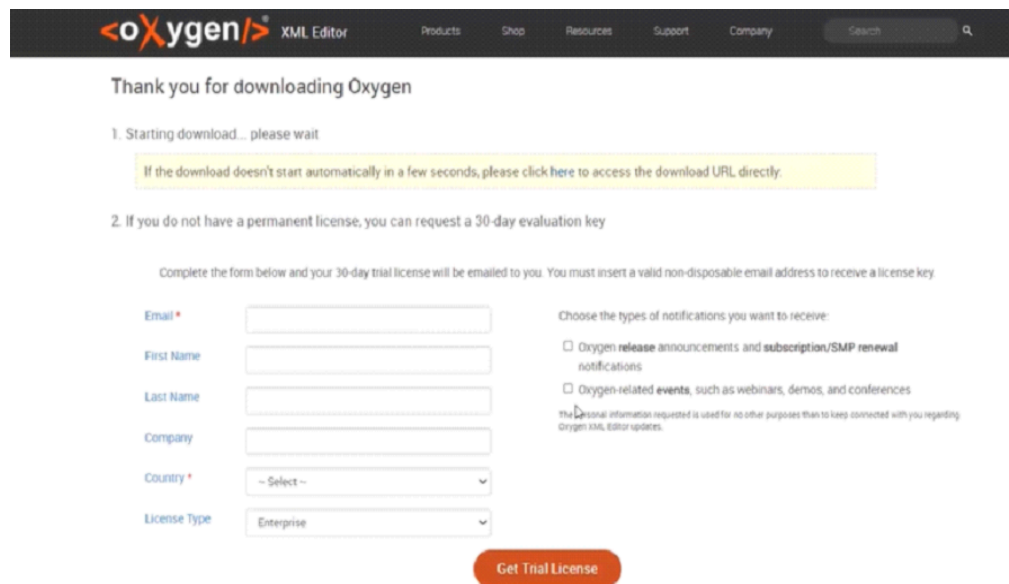
Oxygen XML Author
 Starting from \$23/month
[Buy Now](#)

- [Video Tutorials](#)
- [PDF Brochure](#)
- [Technical Support](#)
- [User Manual](#)
- [Upcoming Events](#)

The .exe file downloads to your system.

5. Enter the required details in the form provided to obtain your 30-day trial license.

Figure 4. Installation -- Getting the trial license



The screenshot shows the Oxygen XML Editor website. The header includes the logo and navigation links: Products, Shop, Resources, Support, and Company. A search bar is also present. The main content area is titled "Thank you for downloading Oxygen" and contains two steps:

1. Starting download... please wait
If the download doesn't start automatically in a few seconds, please [click here](#) to access the download URL directly.
2. If you do not have a permanent license, you can request a 30-day evaluation key

Below step 2, there is a form to request a 30-day trial license. The form includes the following fields and options:

- Complete the form below and your 30-day trial license will be emailed to you. You must insert a valid non-disposable email address to receive a license key.
- Email * (text input)
- First Name (text input)
- Last Name (text input)
- Company (text input)
- Country * (dropdown menu, currently showing "-- Select --")
- License Type (dropdown menu, currently showing "Enterprise")
- Choose the types of notifications you want to receive:
 - ☐ Oxygen **release** announcements and **subscription/SMP renewal** notifications
 - ☐ Oxygen-related **events**, such as webinars, demos, and conferences
- The personal information requested is used for no other purposes than to keep connected with you regarding Oxygen XML Editor updates.
- Get Trial License** (orange button)

6. Start the installation wizard to install the Oxygen XML author.
7. Double-click the Oxygen XML Author shortcut on your desktop to invoke an instance of the tool.
8. When prompted, enter the 9-line license text in the space provided.
9. **Optional:** To learn more about the Oxygen XML Author, visit: <https://www.oxygenxml.com/doc/versions/25.0/ug-author>.

Chapter 2. Documentation Development Life Cycle