



# How to setup development environment

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This documentation provides some useful informations to help any new Aero-Webb developer to install and configure his development environment, whether he is a backend or frontend developer.

## Developer environment installation and configuration

### Prerequisites

- Have installed an IDE (like Eclipse, IntelliJ Idea or VS Code) on your PC.

Apply the following steps :

1. [How to install WSL on Windows](#)
2. [How to install Linux Ubuntu within WSL](#)
3. [How to install the companion development tools for Aero-Webb in Ubuntu WSL](#)
4. [How to install Aero-Webb backend in Ubuntu WSL](#)
5. [How to install Docker and configure Testcontainers for DAO unit tests in Ubuntu WSL](#)
6. [How to install Aero-Webb frontend in Ubuntu WSL](#)
7. [How to configure developer tools](#)
8. [How to make Aero-Webb dev env visible on VPN network](#)

## Resources

- Aero-Webb User Installation Guide : [2M\\_IN\\_Aero-Webb\\_7.x.vy.z\\_\(Installation\\_EN\)](#) (describes Aero-Webb installation for a production environment).
- A few Aero-Webb source code Git repositories, used in this documentation :
- Backend :
  - <https://innersource.soprasteria.com/2moro/aero-webb/services>
  - <https://innersource.soprasteria.com/2moro/aero-webb/gui-controllers/gui-std-controllers>
  - <https://innersource.soprasteria.com/2moro/aero-webb/webapp>
- Frontend :
  - [https://innersource.soprasteria.com/2moro/aero-webb/frontend\\_aerowebb](https://innersource.soprasteria.com/2moro/aero-webb/frontend_aerowebb)
- Documentation :
  - <https://innersource.soprasteria.com/2moro/aero-webb/documentation>
- Additional useful resources :
- [SharePoint Aero-Webb DEV](#) : contains a few technical documents regarding Aero-Webb.

## Microsoft Teams

The main channels in Microsoft Teams to follow, for an Aero-Webb developer :

- [Aero-Webb TECH](#)
- [Aero-Webb SOS Développement](#)