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EasySave

Prosoft

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Technical documentation

**Une image contenant outil

Description générée automatiquement**

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# Introduction

This documentation is intended to list all the technical details of EasySave V2.

This document will cover details such as the operating systems on which EasySave runs, the structure of the application and the configuration of the languages.

# Available operating systems

As for the operating systems on which EasySave can run, it is quite general, by "general" we mean that we can generate a version of the application for each operating system.

The application has been generated for a 64-bit Windows system, but we could have generated a version for Linux or Mac OS systems. To access another version (other than Windows) you will have to ask our sales department to generate a version for another operating system.

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Description générée automatiquementHere is the list of available operating systems:

# Langages configuration

As for the translation of the application, it is managed by .xaml files organised as follows:

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Description générée automatiquement

Each "Language" file modifies all the languages ​​in the application.

Here is an example of the "LanguageFr" file:

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To add new translations you just need to add a new .xaml, for example for German you would have: LanguageDe.xaml.

# Technologies used

For the development of this application the technologies used are :

* The .NET 6.0 framework
* The C# language
* The JSON format
* The XML format
* WPF interface
* Github for versioning and collaborative work
* Visual Studio 2022 IDE

# Une image contenant texte, équipement électronique Description générée automatiquementProgram structure

The structure of the program is based on the MVVM model.

Here is the architecture of the solution :

You can find the View and the ViewModels in the easy\_save.Cmd project and you will find the Models and the Services in easy\_save.Lib

Finally we have easy\_save.Desktop which contains the entire WPF interface of the application.

For the details of the code structure please refer to the UML diagrams.

# Log files

Here are all the different log files.

|  |  |
| --- | --- |
| State log file json | State log file xml |
| Une image contenant texte  Description générée automatiquement | Une image contenant texte  Description générée automatiquement |

|  |  |
| --- | --- |
| Daily log file json | Une image contenant texte  Description générée automatiquement |
| Daily log file xml | Une image contenant texte  Description générée automatiquement |