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# OpenJournal

*Release 1.2.0*

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# INTRODUCTION

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/home/benjamin/OpenJournal.jnl le journal est ouvert 15 : 10

OpenJournal is available for Linux, Windows, and macOS.



## **DESIGN PHILOSOPHY**

OpenJournal is a simple note-taking application. Each day represents a separate entry that can be navigated using a calendar widget. Each journal is stored inside a database that can be either a local file (\*.jnl) or a database inside a MariaDB server.

### **1.1 User Interface**

The user interface of OpenJournal is designed to be as simple as possible. It is constituted of 3 resizable panels:

- The editor panel.
- The calendar panel.
- The preview panel.

A toolbox provides shortcuts to the Markdown syntax and a menu bar to create and open journals.

#### **1.1.1 Editor**

The editor is based on QMarkdownTextEdit and supports the Markdown syntax and find and replace. It supports smart drag and drop for images and texts. Dropping an image from a local folder or from an Html link will copy the image in the journal and reference it locally. Plain text can be added by dropping a text file in the editor. The text will be inserted at the cursor location.

#### **1.1.2 Calendar**

The calendar provides a quick way to navigate through the journal.

#### **1.1.3 Preview**

The preview provides a way to visualize the rendered Markdown document. It can be used to previsualize the result of an entry and to comfortably read a journal.





## INSTALLATION

Stable versions of OpenJournal can be found on the [releases page](#). It is available on Linux as an AppImage compatible with all the major distributions, on Windows as a basic installer, and on macOS as an App.

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**Note:** During the installation on Windows and Mac systems, security alerts are displayed because the OpenJournal executable does not possess an EV code signing certificate. These alerts can be ignored safely.

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## TEXT FORMATTING

### 3.1 Markdown text

#### 3.1.1 Paragraph

Paragraphs are separated by a blank line.

#### 3.1.2 Style

```
*italic*,  
**bold**
```

#### 3.1.3 Link

```
[OpenJournal](https://github.com/bgallois/OpenJournal)
```

#### 3.1.4 Header

```
# Title  
## Subtitle  
### SubSubtitle
```

#### 3.1.5 List

```
Bullet list:  
* Start a line with an asterisk  
* Food  
* Fruits  
  * Oranges  
  * Apples  
  
Numbered list:  
1. One  
2. Two
```

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### 3. Three

To do list:

- ☒ Task one
- ☐ Task two
- ☐ Task three

### 3.1.6 Code

```
`inline`  
````  
block  
````
```

### 3.1.7 Formulas

```
\\( inline \\)  
\\[ block \\]
```

### 3.1.8 Quote

```
> This is a blockquote.
```

### 3.1.9 Separator

```
---
```

## 3.2 Markdown image

Images can be added by dropping a file in the editor or using the Markdown syntax `![label](path)`. The image will be stored in the journal database and the reference will be updated to `![OpenJournal_label](tmp/label)` and **should not** be modified afterward. Image files are temporarily copied in the system temporary folder for rendering and deleted when no longer useful.

## **NOTIFICATION**

OpenJournal included a system of alarms that can be set using the Add Alarm button on the toolbar or directly in plaintext with the command:

```
setAlarm(hh:mm,message);
```

The alarm sound can be activated in the Options menu in the menu bar. In any case, the alarm will display the alarm's message in the system tray.



## KEYBOARD SHORTCUTS

### 5.1 Markdown features

#### 5.1.1 Insert to-do list

CTRL + Key\_D

#### 5.1.2 Insert numbered list

CTRL + Key\_L

#### 5.1.3 Insert unordered list

CTRL + SHIFT + Key\_L

#### 5.1.4 Insert table

CTRL + Key\_T

#### 5.1.5 Insert link

CTRL + Key\_U

If a text is selected, it will be passed as a legend or link.

### 5.1.6 Insert image

CTRL + Key\_I

If a text is selected, it will be passed as as path.

### 5.1.7 Insert formula

CTRL + Key\_F

If a text is selected, it will be passed as as path.

## 5.2 OpenJournal features

### 5.2.1 Lock the journal

CTRL + Key\_Escape

### 5.2.2 Insert alarm

CTRL + Key\_A



## 6.1 MariaDB journal

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**Note:** OpenJournal can access remotely created journals that are hosted on a MariaDB/MySQL server. For security purposes, do not expose databases to the internet!.

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### 6.1.1 Server creation

```
sudo apt install mariadb-server
sudo mysql_secure_installation
mysql -u root -p
CREATE USER 'username'@'hostname' IDENTIFIED BY 'password';
GRANT ALL ON *.* TO 'username'@'%' IDENTIFIED BY 'password';
FLUSH PRIVILEGES;
EXIT;
```

### 6.1.2 Connection

- Go to File -> Connect to a remote planner.
- Enter `username@hostname:port`
- Enter `journalname@password`. If username has write privilege on the server, journalname database will be created if it doesn't exist, else journalname has to be created on the server by a user with write privilege.