

# Synchronizing with Thunderbird

[Thunderbird](#) is a feature-rich and mature mail client that can be turned into a full-fledged PIM. However, it lacks support for address book synchronisation via CardDAV and it also lacks the ability to automatically discover calendars and address books available on the server. Therefore, to synchronise with Nextcloud, add-ons are required, which can be easily installed through Thunderbird's add-on manager.

## Recommended method

For this method, you need to have three add-ons installed:

1. The [Lightning calendar](#)
2. [TBSync](#) and
3. The [TBSync provider for CalDAV and CardDAV](#)

When they are installed, if you are on Windows, go to **Extras/Synchronisation settings (TBSync)** or **Edit/Synchronisation settings (TBSync)** if on Linux

- In the account manager choose “**Add account / CalDAV / CardDAV account**”
- In the next window, go with the default called **Automatic configuration** and click **next**
- Enter an **account name**, which you can freely choose, **user name**, **password** and the **URL of your server** and click **next**
- In the next window, TBSync should have autodiscovered the CalDAV and CardDAV addresses. When it has, click **Finish**.
- Now check the box **Enable and synchronize this account**. TBSync will discover all address books and calendars your account has access to on the server
- Check the box next to each calendar and address book you want to have synchronised, also set how often you want them to be synchronised and push the button **synchronize now**
- After the first successful synchronisation is complete, you can close the window. Henceforth, TBSync will do the work for you. You are done and can skip the next sections (unless you need a more advanced address book)

# Alternative: Using the CardBook add-on (Contacts only)

[CardBook](#) is an advanced alternative to Thunderbird's address book, which supports CardDAV. You can have TBSync and CardBook installed in parallel.

1. Click the Cardbook icon in the upper right corner of Thunderbird:

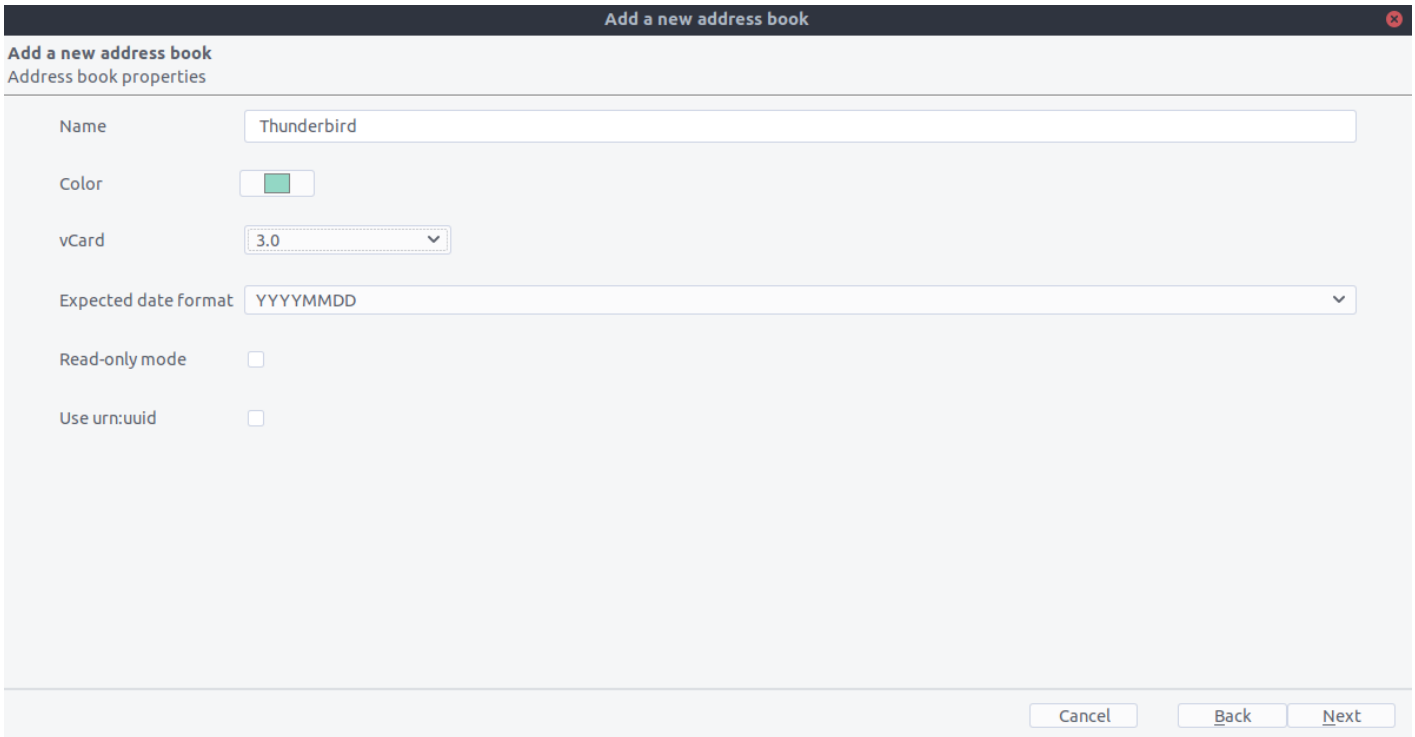


2. In Cardbook:

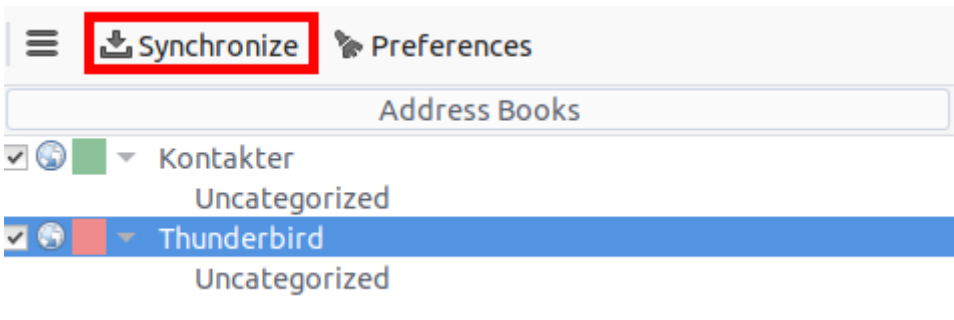
- “Adressbook > New Adressbook **Remote** > Next
- Select **CardDAV**, fill in the address of your Nextcloud server, your user name and password

A screenshot of the 'Add a new address book' dialog box. The title bar says 'Add a new address book'. The main content area has the heading 'Add a new address book' and the instruction 'Type and location of the new remote address book.' Under the 'Type' section, there are three radio buttons: 'CardDAV' (selected), 'Google', and 'Apple'. Below this is the 'Connection' section with instructions: 'For a CardDAV type, enter the URL of your remote address book. You may try to use a partial URL (example : http(s)://carddav.example.org). For a Google address book, don't specify this field.' There are three input fields: 'URL', 'Username', and 'Password'. A 'Show' checkbox is next to the password field. At the bottom right, there is a 'Validate' button. At the very bottom of the dialog, there are three buttons: 'Cancel', 'Back', and 'Next', with a mouse cursor pointing at the 'Next' button.

4. Click on “Validate”, click Next, then choose the name of the addressbook and click Next again.



5. When you are finished, CardBook synchronizes your addressbooks. You can always trigger a synchronisation manually by clicking “Synchronize” in the top left corner of CardBook.



## The old method: Manually subscribing to calendars

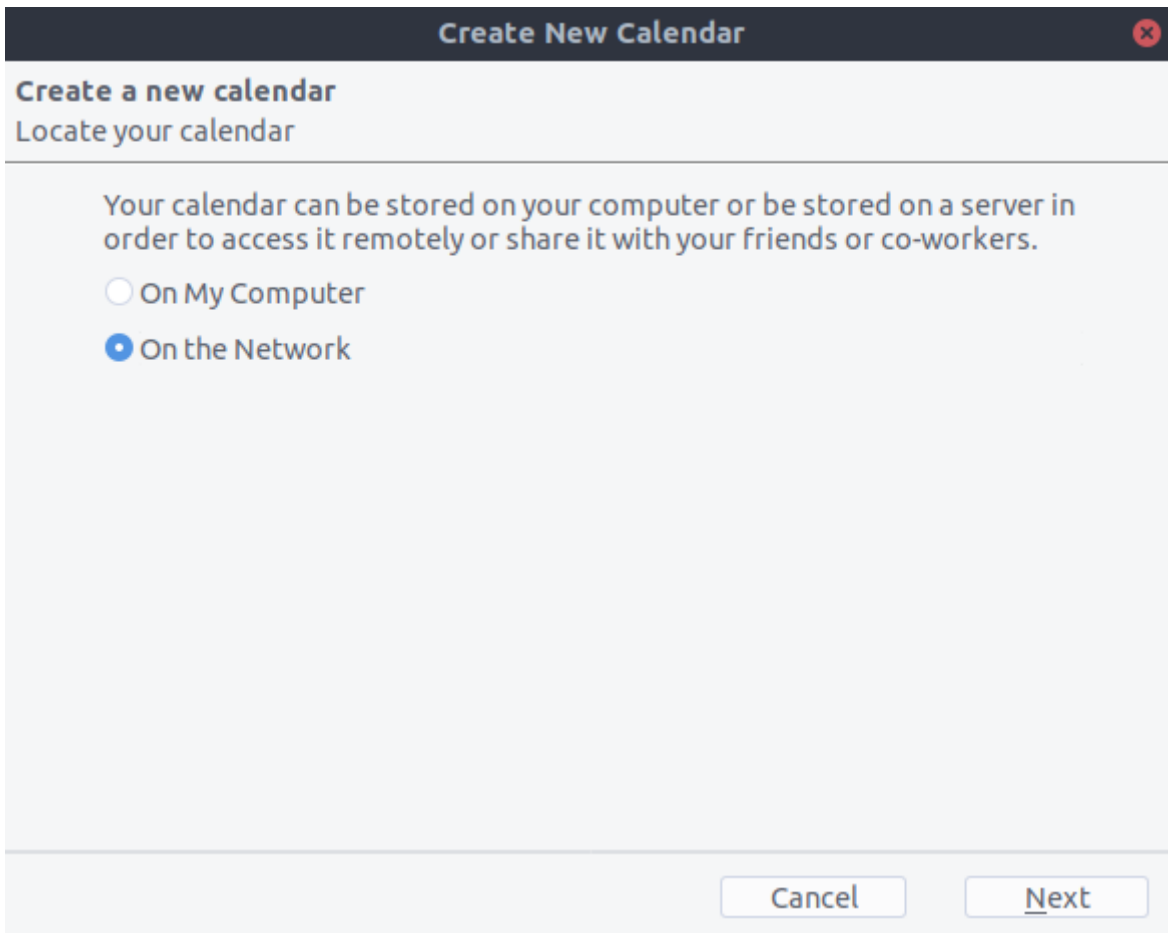
This method is only needed if you don't want to install TBSync.

1. Go to your Nextcloud Calendar and click on the 3 dotted menu for the calendar that you want to synchronize which will display and URL that looks something like this:

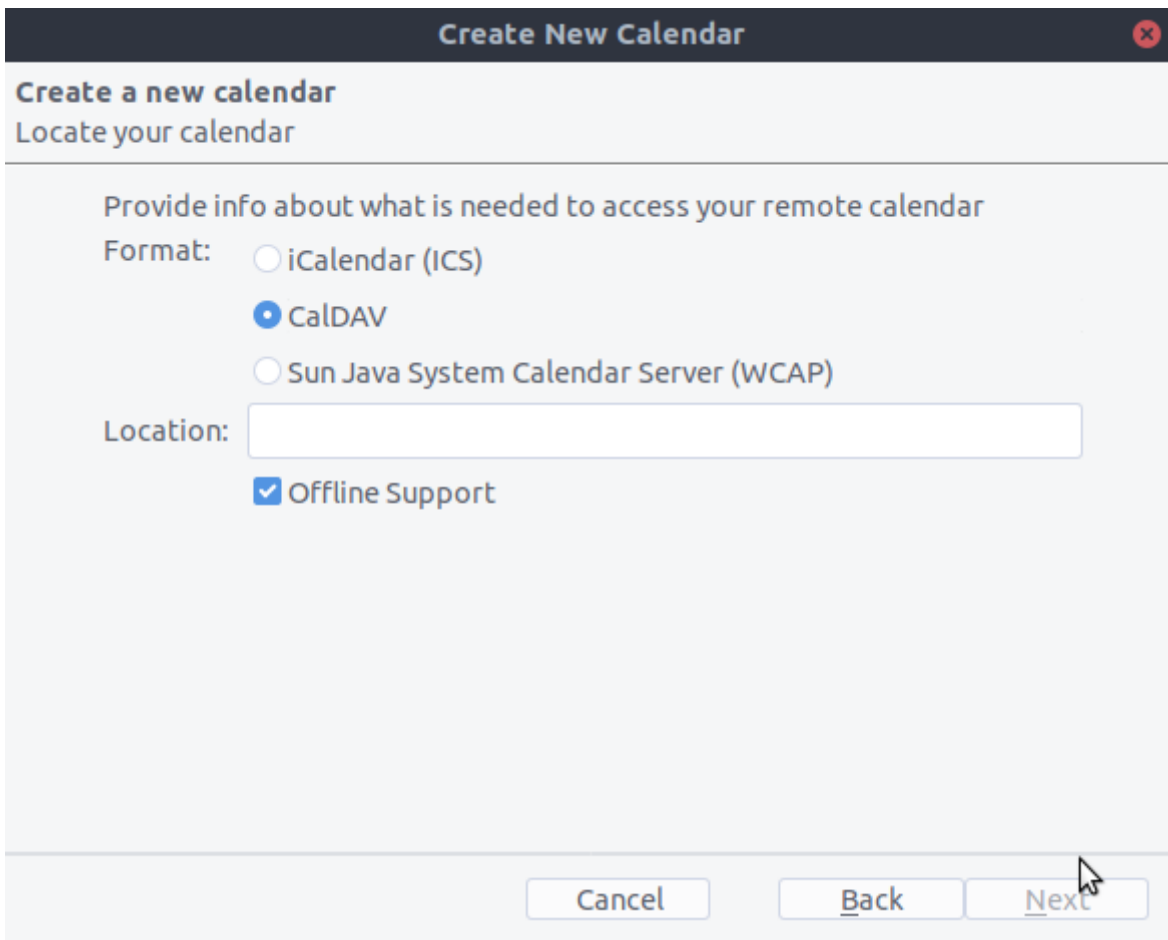
<https://cloud.nextcloud.com/remote.php/dav/calendars/daniel/personal/>

2. Go to the calendar view in Thunderbird and right click in the calendar menu to the left (where the names of the calendars are) to add a **New Calendar**.

3. Choose **On the network**



4. Choose **CalDAV** and fill in the missing information:



# Fix for Thunderbird 60

If you are still using Thunderbird 60, you need to change a configuration setting to make CalDAV/CardDAV work around Thunderbird bug [#1468918](#) as described [here](#)

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