Linking Raindancer with the Pessl API

Raindancer can automatically download and continuously update weather data from a Pessl weather station using Pessl's public API.

To register Pessl API access in Raindancer, go to Settings and then to the **API** sub-item.

There, click on ‘**New API credentials**’. In the following menu, you can choose between ‘**PESSL FieldClimate API (Legacy)**’ and ‘**PESSL FieldClimate API v2.0’ under API type.**

> ‘PESSL FieldClimate API (Legacy)’ is the old API access method and should no longer be used.

Select ‘**PESSL FieldClimate API v2.0**’ and then enter the public and private keys, which can be obtained from the FieldClimate homepage.

Once you have saved the keys by clicking ‘**Save**’, Raindancer can begin importing the available measurements. This may take > 20 minutes, as Raindancer retrieves the data at fixed intervals.

Generate keys

To enable Raindancer to automatically retrieve data from the Fieldclimate API, you need a private and a public key from Fieldclimate.

To create the keys, first log in to the Fieldclimate homepage (e.g. **ng.fieldclimate.com**). Then go to the **user menu**, which can currently be accessed via the person icon in the top right-hand corner, and select **API services**.

If the keys have already been created, they will now be displayed.
Both keys consist of 48 hexadecimal characters (0-9 and a-f). If the keys have not yet been created, you can create them now by clicking on the ‘**Create new**’ button.

At the top right of the API key area, there is a question mark button that you can click on to get more information about key creation.

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