# Post Data to Datastream

1. Create a Sensor in farmOS
2. Create a DataStream in / for that sensor
3. Call GET http://localhost/api/data_stream/basic/ to get all basic data streams
4. Response:
    1. data includes an array of data_streams
    2. ID: res.data[i].id
    3. private_key: res.data[i].attributes.private_key
    4. name: res.data[i].attributes.name
5. Call POST http://localhost/api/data_stream/<ID>/data?private_key=<private_key> with a Body (in Postman 'raw','json'):
    1. {'data': 20}
    2. basic data streams can only have one value
    3. will look for 'data' in JSON
6. Should give a 201 Created back
7. This value can now be found in Assets>Sensors>(The Sensor you want)>Data stream

Important Links:

- Introduction farmOS 2.x API
- farmOS 1.x Sensors
    - Hint for ?private_key=
- farmOS 1.x OAuth 2.0
- 2.x Data stream issue / todo
- currently (7.2021) no graphs
    - labeled as beta blocker
- farmsOS 2.x data stream module routing
    - shows how to build the url

From:
https://wiki.eolab.de/ - **HSRW EOLab Wiki**

Permanent link:
**https://wiki.eolab.de/doku.php?id=user:jan001:ioa:farmos:datastream_post**

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