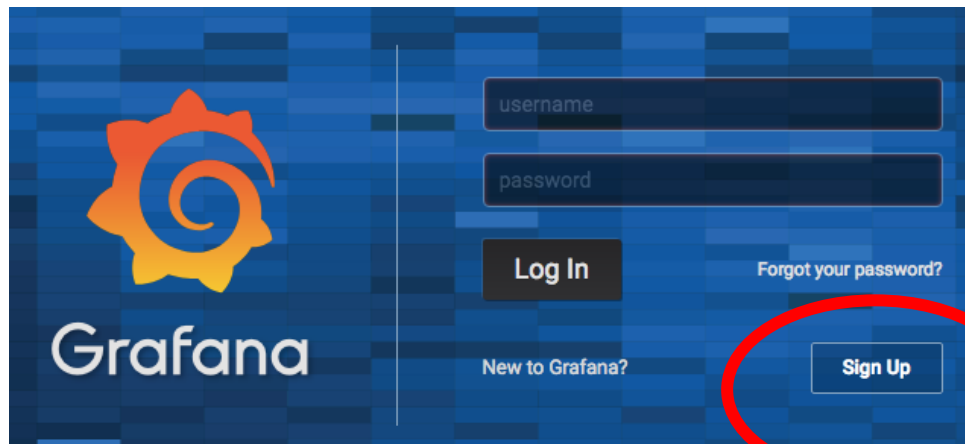


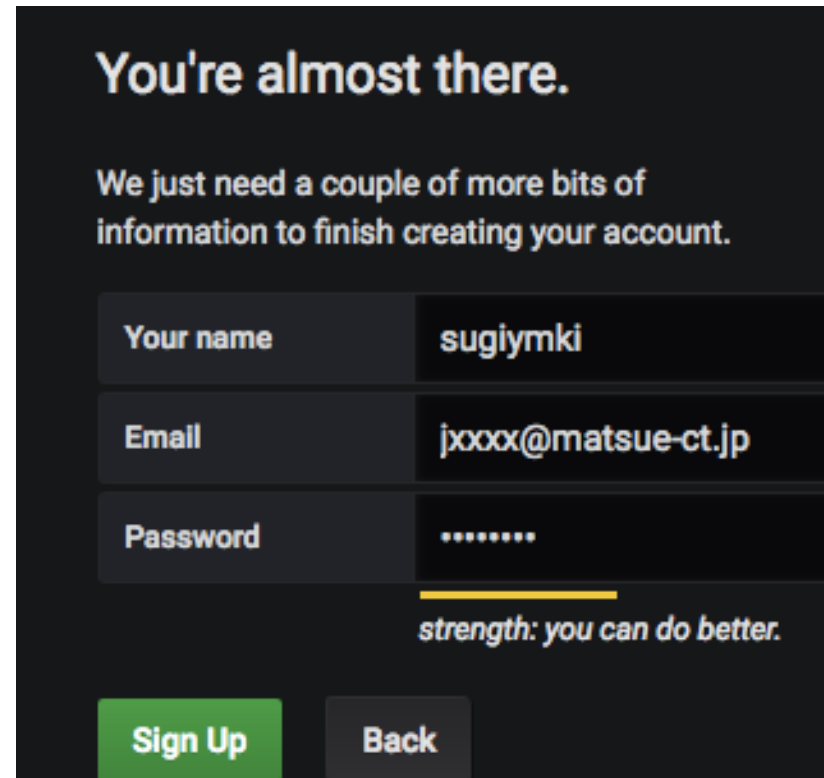
Grafana (1)

- ・ ユーザ登録

<http://sky.epi.it.matsue-ct.jp:3000/login>



The image shows the Grafana login page. On the left is the Grafana logo and the word "Grafana". On the right, there are two input fields labeled "username" and "password". Below these fields are two buttons: "Log In" and "Sign Up". The "Sign Up" button is circled in red. To the right of the "Log In" button is a link that says "Forgot your password?". Below the "Log In" button is a link that says "New to Grafana?".



The image shows the Grafana registration page. At the top, it says "You're almost there." followed by "We just need a couple of more bits of information to finish creating your account." Below this is a form with three rows: "Your name" with the value "sugiyunki", "Email" with the value "jxxx@matsue-ct.jp", and "Password" with a masked value ".....". Below the form, there is a yellow bar with the text "strength: you can do better." At the bottom, there are two buttons: "Sign Up" (green) and "Back" (grey).

Grafana (2)

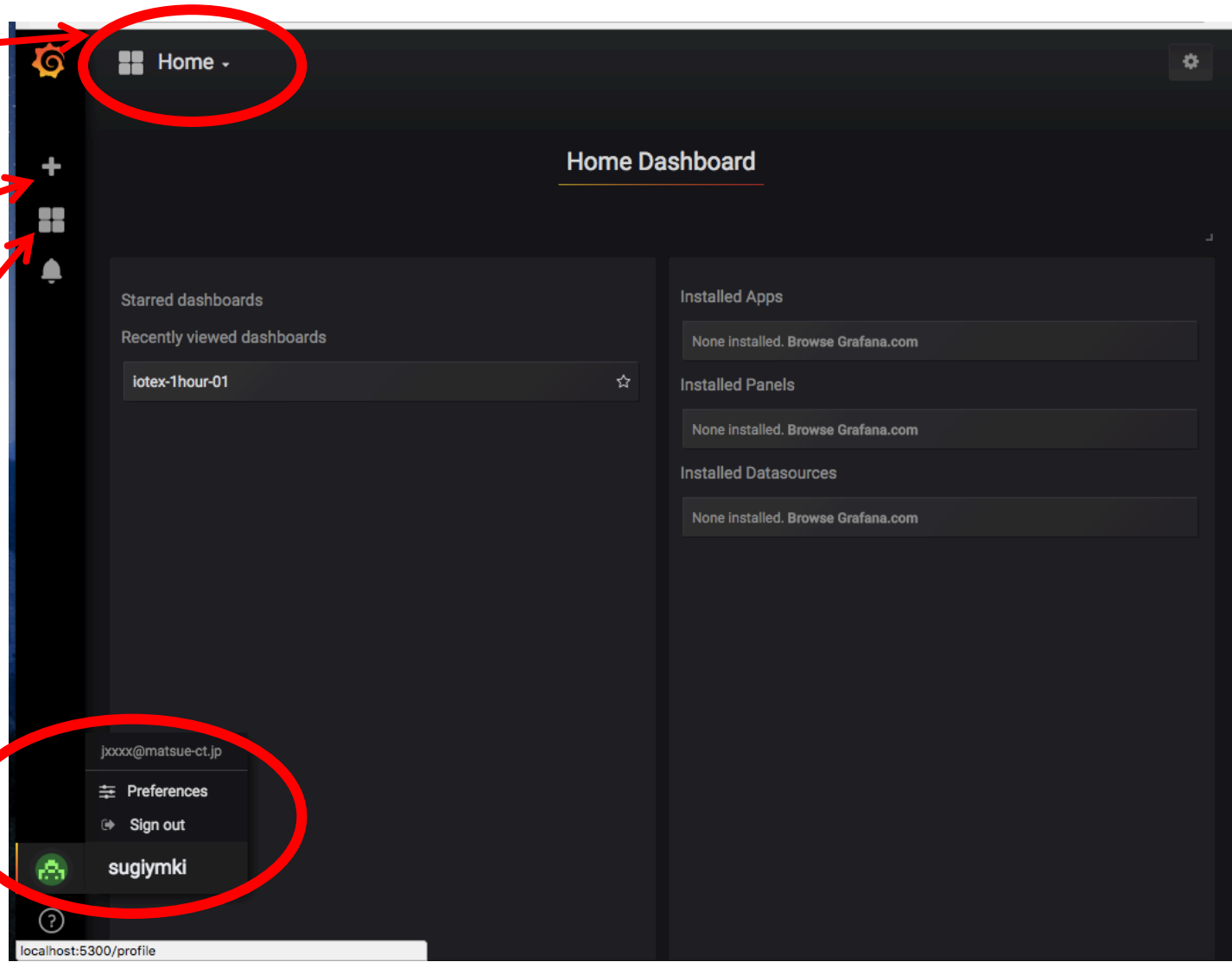
- Home へ自動的に移動する.

既存のダッシュボードへ移動

ダッシュボードの作成

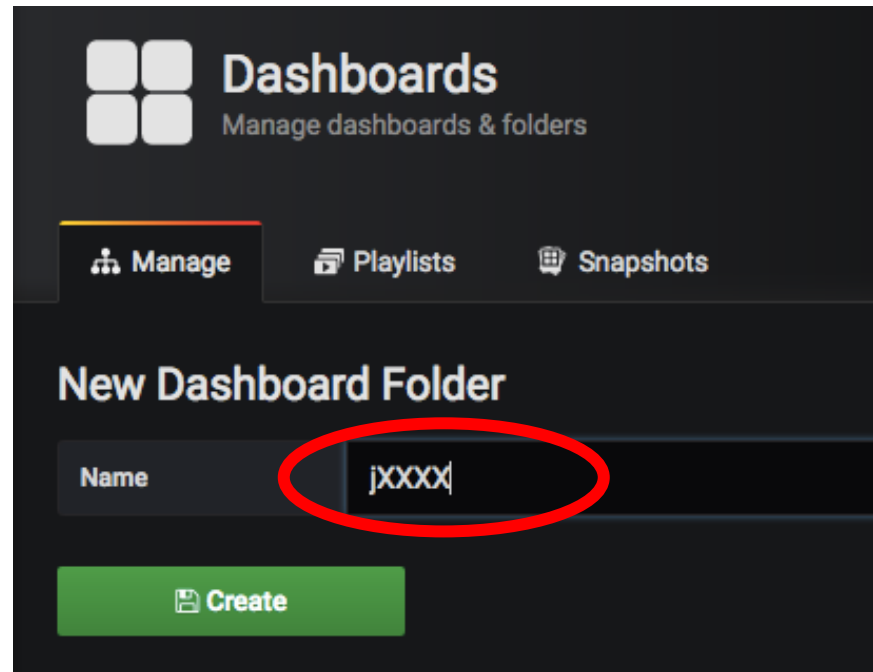
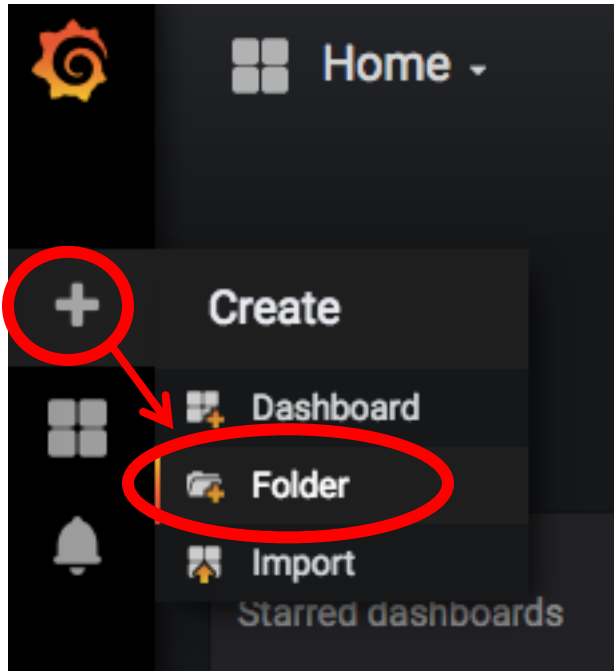
ダッシュボードの Home へ

ログアウト



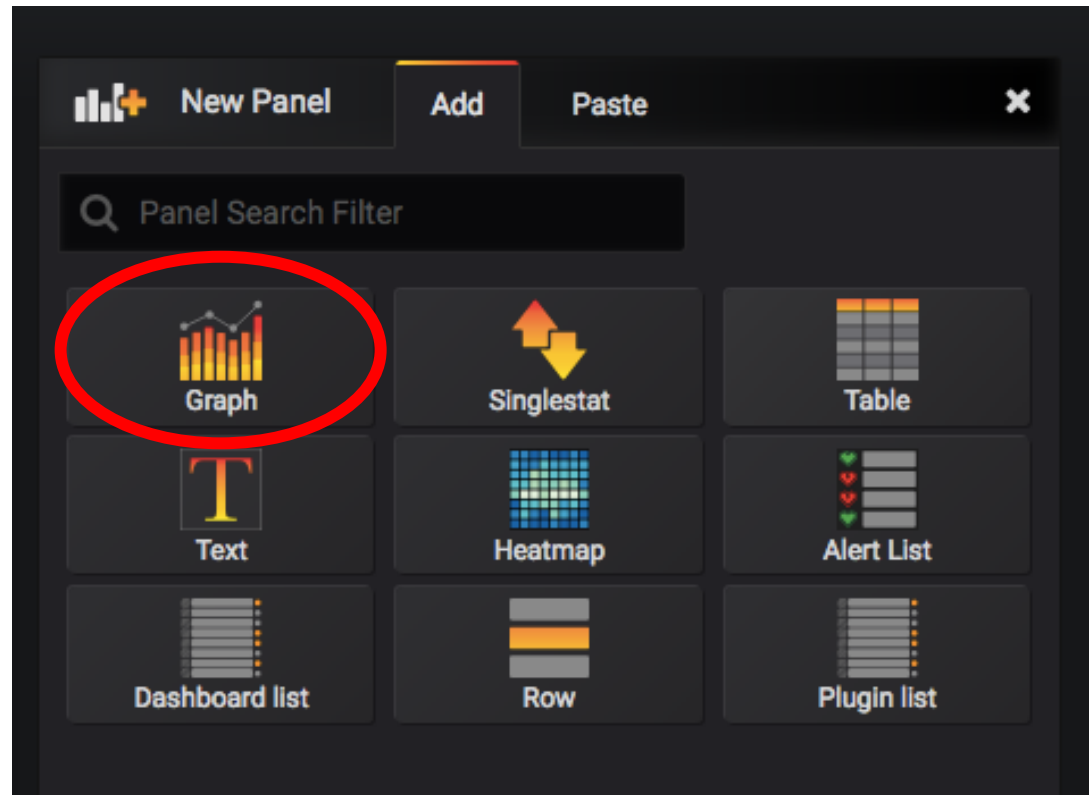
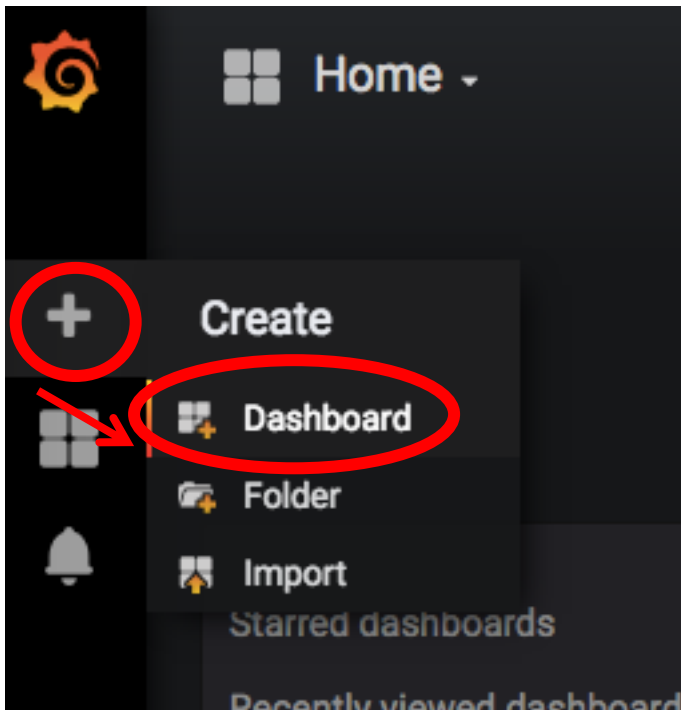
Grafana (3)

- フォルダ作成：自分の学生番号（j は小文字）で作成.

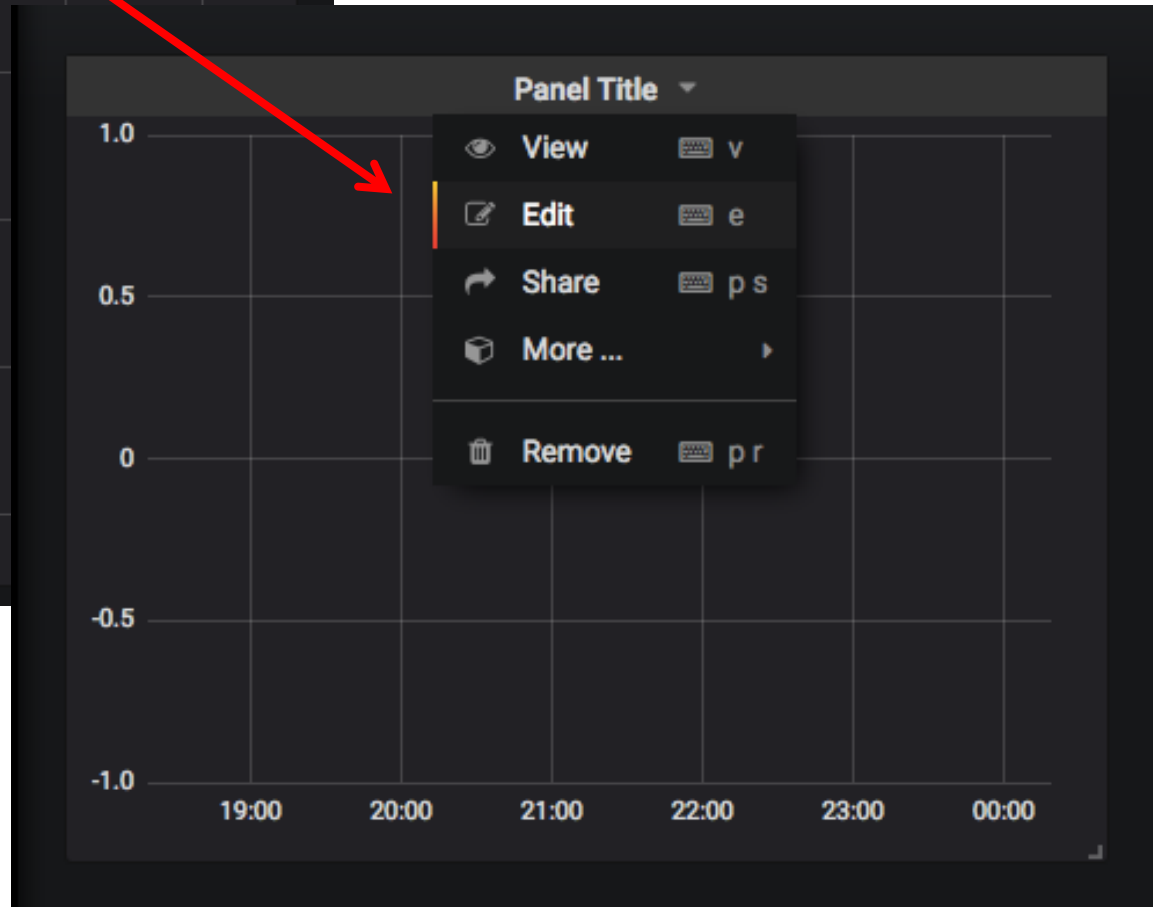
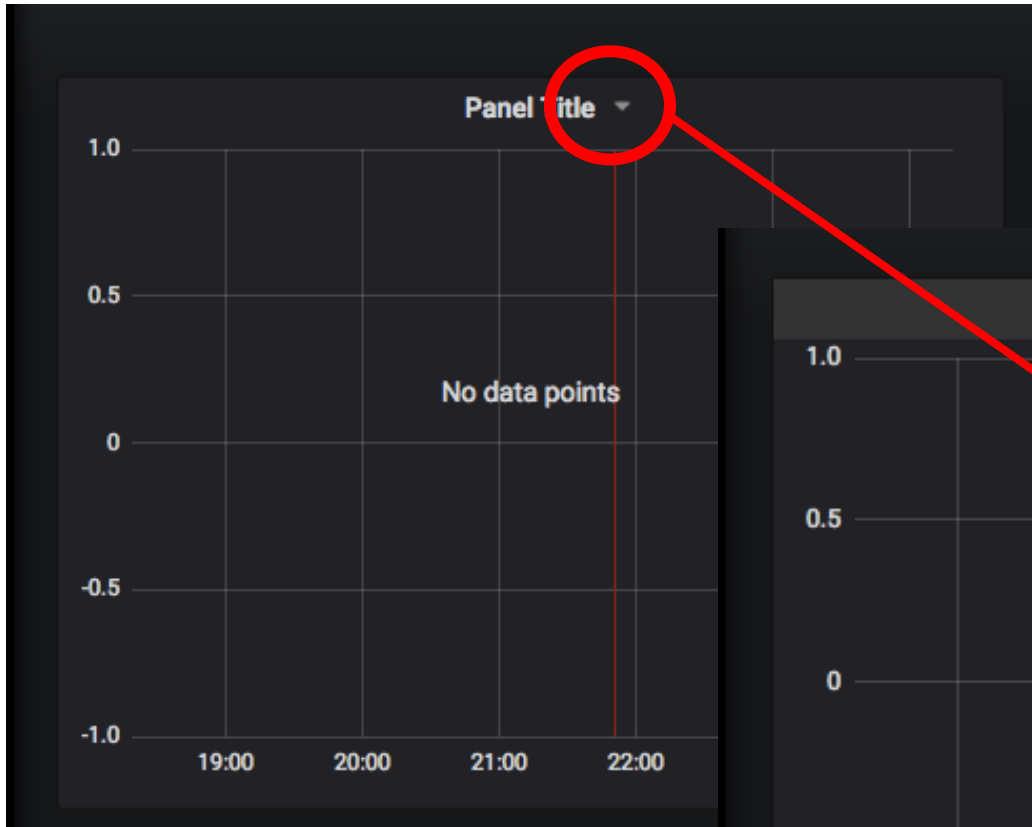


Grafana (4)

- ダッシュボードの作成：グラフを選択



Grafana (5)



Grafana (6)

Panel Title

1.0
0.5
0
-0.5
-1.0

18:30 19:00 19:30 20:00 20:30

Graph General Metrics Axes Legend

```
SELECT
  UNIX_TIMESTAMP(time) as time_sec,
  temp as value,
  name_ja as metric
FROM monitoring_1hour
WHERE $__timeFilter(time) and id like 'iot-10'
ORDER BY time ASC
```

Data Source default Query Inspector

SQL を書く

```
SELECT
  UNIX_TIMESTAMP(<time_column>) as time_sec,
  <value column> as value,
  <series name column> as metric
FROM <table name>
WHERE $__timeFilter(<time_column>)
ORDER BY <time_column> ASC
```

Format as Time series Show Help

SQL を書き替えた例

- 保存：

