# influxdb Metriken

hier zeige ich zwei Möglichkeiten auf, wie man Gesundheitsdaten von/aus seiner influxDB Installation, bekommt.

!!!Bitte, das ist wichtig, bevor man etwas macht oder verändert, erst mal in die Logs schauen und versuchen zu verstehen was es beutet!!!
!!!Erst bis zum Ende lesen, dann Handeln!!!

## Erster Weg, bei der influxDB Ersteinrichtung

Bei der Ersteinrichtung ist influxDB einfach, wie für seine Hardware/Betriebssystem vorgesehen, zu Installieren. Nach der Installation und dem Aufruf der influxDB URL

#### Welcome screen:



Setup initial User:

Welcome Initial User Setup Complete <b>Setup Initial User Setup </b>				
Setup Initial User   Tota will be able to create additional Users, Buckets and Organizations later     Setalabooker   Password   Initial Organization Name     Initial Organization Name     Initial Bucket Name     Initial Bucket Name     Initial Bucket Name     Initial Bucket Name		Welcome ——— Initial U	ser Setup ——— Complete	
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Initial Bucket Name	test4iobroker			
			Initia	l Bucket Name

### Einrichtung Abschließen

	Welcome ——— Initial User Setup ——— Complete	
	You are ready to go!	
	Your InfluxDB has 1 organization, 1 user, and 1 bucket.	
	Let's start collecting data!	
QUICK START	ADVANCED	CONFIGURE LATER
Timing is everything!	Whoa looks like you're an expert!	l've got this
This will set up local metric collection and it, w you to explore the features of InfluxDB quickly	This allows you to set up Telegraf, scrapers, and much more.	Jump into InfluxDB and set up data collection when you're ready.

Hier sollte man auf **QUICK START** gehen, dann werden die Grundvoraussetzungen, zum Erfassen der lokalen influxDB - Metriken erstell, die

wir im weiteren anpassen.

Nachdem wir die Ersteinrichtung abgeschlossen haben, wenden wir uns an die Konfiguration der Metriken.

#### Load Data und create new Scraper

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Duch die ersteinrichtung wurde schon ein Scraper erstellt, bei einer Docker Installation habe ich aber festgestellt, dass dort einigen nicht so funktioniert wie gewollt.

#### Wir erstellen einen neuen Scraper

Load Data	
Q Filter scrapers	+ CREATE SCRAPER
Create Scraper B	
Scrapers collect data from multiple targets at regular intervals and to write to a bucket	
test4lobroker	In welches bucket soll der Scraper schreiben
Target URL http://192.168.178.37:38086/metrics	
Für Docker muss hier localhost:port rein	

- 1. A= Create Scraper
- 2. B= Einrichtungsfenster
- 3. Name für Scraper vergeben
- 4. Das Bucket auswählen, in welches die Metriken geschrieben werden sollen, ich habe das gewählt, welches ich bei der Ersteinrichtung erstellt habe.
- 5. Die Target URL kontrollieren und ggf. anpassen, siehe nachfolgende Erklärung.

Bei der Docker Installation hatte das Problem, das mit der Standard Installation es leider Fehlermeldungen im influxDB Log gab, siehe 🐃

023-02-22T12:48:10.905281Z error Unable to gather {"log\_id": "0gAI9gml000", "service": "scraper", "scraper-name": "new target", "error": "Get \"http://192.168.178.37:38086/metrics%22: dial tcp 192.168.178.37:38086: i/o timeout"} 2023-02-22T12:48:20.904916Z error Unable to gather {"log\_id": "0gAI9gml000", "service": "scraper", "scraper-name": "new target", "error": "Get \"http:// 192.168.178.37:38086/metrics%22: dial tcp 192.168.178.37:38086: i/o timeout"} 2023-02-22T12:48:30.905247Z error Unable to gather {"log\_id": "0gAI9gml000", "service": "scraper", "scraper-name": "new target", "error": "Get \"http://192.168.178.37:38086/metrics%22: dial tcp 192.168.178.37:38086: i/o timeout"} 2023-02-22T12:48:40.906030Z error Unable to gather {"log\_id": "0gAI9gml000", "service": "scraper", "scraper-name": "new target", "error": "Get \"http://192.168.178.37:38086: i/o timeout"} 2023-02-22T12:48:50.904726Z error Unable to gather {"log\_id": "0gAI9gml000", "service": "scraper", "error": "Get \"http://192.168.178.37:38086: i/o timeout"} 2023-02-22T12:48:50.904726Z error Unable to gather {"log\_id": "0gAI9gml000", "service": "scraper", "scraper" "error": "Get \"<u>http://192.168.178.37:38086/metrics%22</u>: dial tcp 192.168.178.37:38086: i/o timeout"} 2023-02-22T12:49:10.904751Z error Unable to gather {"log\_id": "0gAI9gml000", "service": "scraper", "scraper-name": "new target", "error": "Get \"<u>http:// 192.168.178.37:38086/metrics%22</u>: dial tcp 192.168.178.37:38086: i/o timeout"} 2023-02-22T12:49:20.904949Z error Unable to gather {"log\_id": "0gAI9gml000", "service": "scraper", "scraper-name": "new target", "error": "Get \"<u>http://192.168.178.37:38086/metrics%22</u>: dial tcp 192.168.178.37:38086: i/o timeout"} 2023-02-22T12:49:30.905026Z error Unable to gather {"log\_id": "0gAI9gml000", "service": "scraper", "scraper-name": "new target", "error": "Get \"<u>http://192.168.178.37:38086</u>: i/o timeout"} 2023-02-22T12:49:40.905161Z error Unable to gather {"log\_id": "0gAI9gml000", "service": "scraper", "scraper": "Get \"<u>http://192.168.178.37:38086</u>: i/o timeout"} 2023-02-22T12:49:40.905161Z error Unable to gather {"log\_id": "0gAI9gml000", "service": "scraper", "scraper": "Get \"<u>http://192.168.178.37:38086</u>: i/o timeout"} 2023-02-22T12:49:40.905161Z error Unable to gather {"log\_id": "0gAI9gml000", "service": "scraper", "scrape

Ich musste die Target URL wie folgt anpassen, http://localhost:8086/metrics

#### Fehlerhaftes Scrap löschen

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#### Abschließend

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<u>۲</u>	InfluxDB 2.0 OSS Metrics						
1	A collection of useful visualizations for monitoring your local InfluctoB 2.0 OSS instance.						
嘂	Last modified 12 minutes ago						
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Wenn man das Dashboard aufruft, dann sollte einem so etwas angezeigt werden.

<u>ی</u>	InfluxDB 2.0 OSS Metrics									
*	# ADD CELL = ADD NOTE Show Variables Enable Arrotations 0								SET AUTO REFRESH # Local +	● Pest th -
- 2	E Note									
1	This Dashboard gives you an overview of some of the metrics that are available	from the Local Metrics en	dpoint located at /metrics . Check out	our documentation	page for configuring Scrapers	if you don't see any data be	low.			
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## Goody on Top

wer das bucket in das die Scrap Daten geschrieben werden in Grafana als Datenquelle einträgt, kann sich das Daschboard oder einzelne Panels dort dann nachbauen.