



Découvrons ensemble la relève de l'observabilité  
avec les logs et traces : Quickwit

*BDX/IO à Bordeaux, 08/11/2024*

# Qui suis-je ?

**Idriss Neumann**

CEO de comwork.io

SRE/Platform Engineer

Contributeur OSS (incluant les intégrations à l'éco-système CNCF pour Quickwit)



idrissneumann

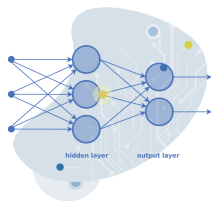
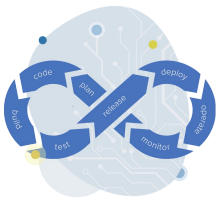


idriss\_neumann

# Qui sommes nous ?

ESN et éditeur de logiciel basé à Paris et Tunis

4 zone d'expertise: devops & cloud, IOT, full stack dev et AI/ML



The screenshot shows the Comwork dashboard interface. On the left is a sidebar with navigation links: Dashboard, Projects, Buckets, Registries, Instances, K8s applications, Serverless, Emails, and One Chat. The main area is divided into sections: 'Arguments' (a table with 2 rows), 'Environment variables', 'Callbacks', and a 'Blockly' logic editor. The Blockly editor contains a logic script for handling arguments.

#	Argument name	Actions
1	name	[edit] [delete]
2	surname	[edit] [delete]

```
Logic
  handle with: name, surname
  set an argument with key name
  and value name
  set an argument with key surname
  and value surname
  call sync serverless function
  with ID c115c89e-8a8c-4682-bd44-b05e4305ecb
  and arguments
  set result in variable response
  set entity to get value response from key entity
  set content to get value entity from key content
  set result to get value content from key result
  return result
```

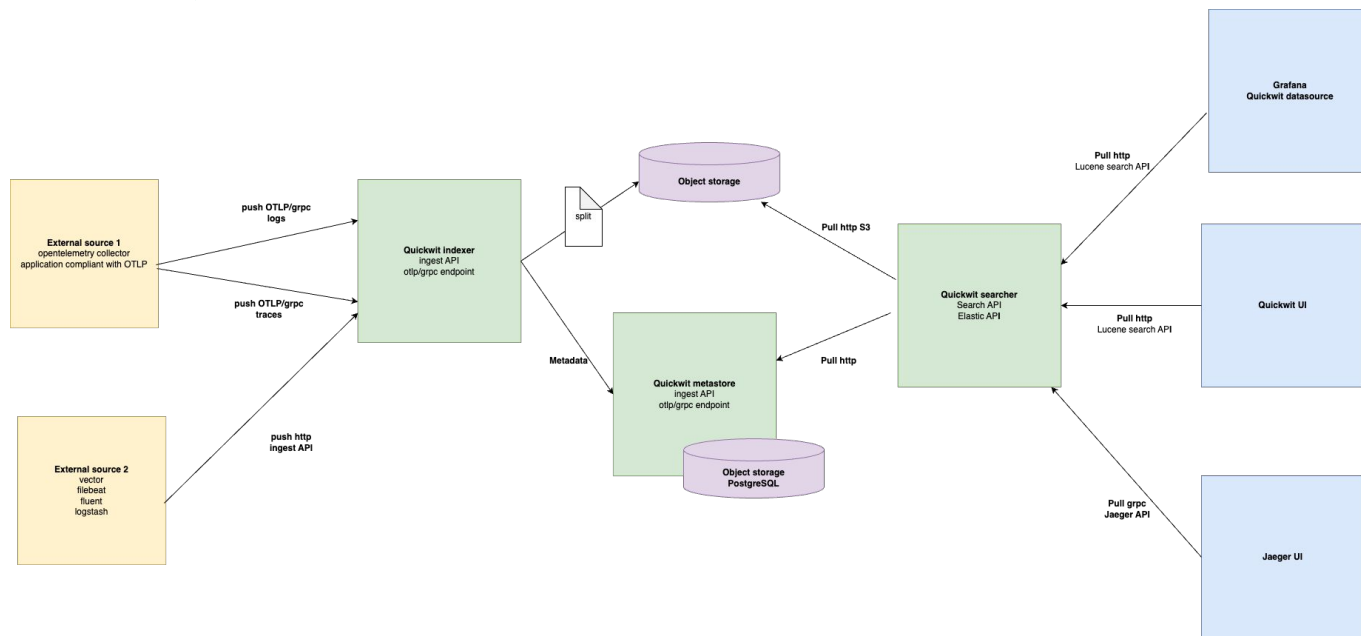
Site web : [comwork.io](https://comwork.io)



# Qu'est-ce que Quickwit ?

Solution de moteur de recherche concurrente à Elasticsearch, OpenSearch et Grafana Loki

Un peu le meilleur des deux mondes réunis



Site web : [quickwit.io](https://quickwit.io)



# Pourquoi choisir Quickwit ?

Les raisons de notre choix de cette solution



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Jobs Training Events Blog

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## Recent posts

The Serverless state of art in 2024

Pulumi, the best IaC tool in 2024?

Quickwit, the next generation of modern observability

Docker in production, is it really bad?

Kubernetes or not, that's the question

## Quickwit, the next generation of modern observability

September 4, 2024 - 6 min read



Idriss Neumann  
CEO comwork.io

In this blog post, I'll try to explain why we moved from [ElasticStack](#) to [Quickwit](#) and [Grafana](#) and why we choosed it over other solutions.

First, we've been in the observability world for quite some time and have been using ElasticStack for years. I personally used Elasticsearch for more than 10 years and [Apache Solr](#) before for logging and observability usecases even before Elasticsearch's birth!

We also succeed to use ElasticStack for *IoT (Internet of Things)* projects and rebuilt our own images of Kibana and Elasticsearch for ARM32 and ARM64 before *Elastic* (the company) starts to release official images. We had a lot of fun with it.

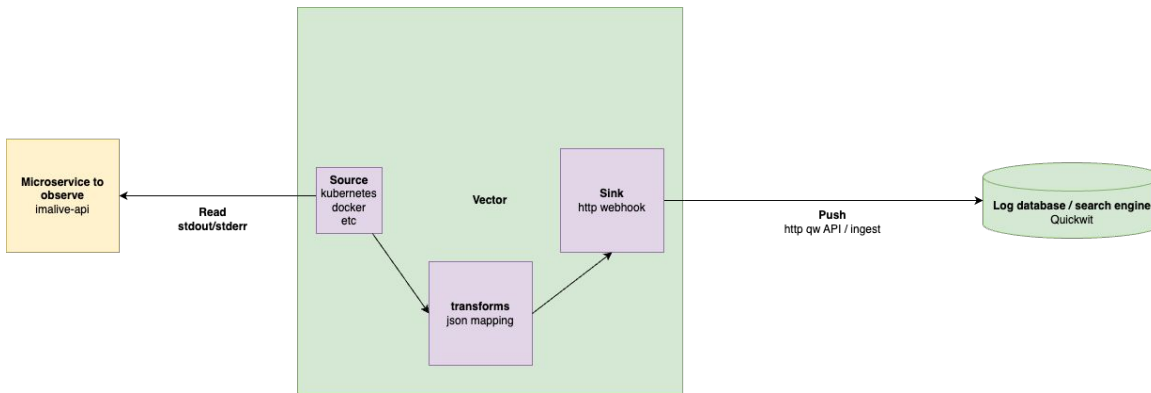


Lien : [comwork.io/blog/quickwit](https://comwork.io/blog/quickwit)

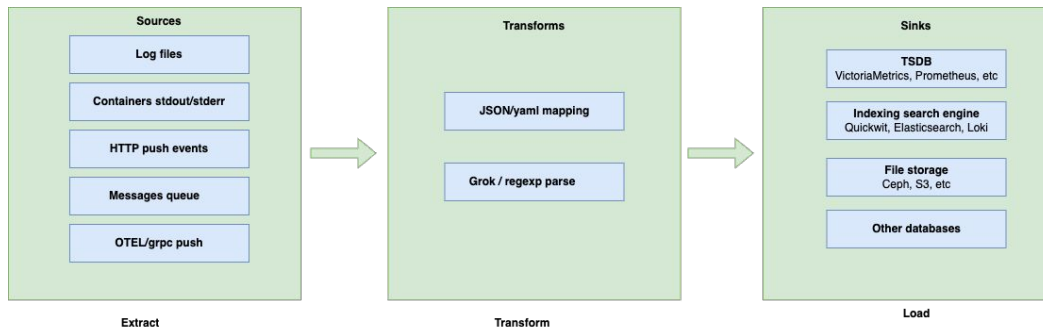


# Qu'est-ce que vector ?

Agent de collecte de logs et pipelines d'observabilité / ETL  
Très rapide, écrit en Rust par datadog



Site web : [vector.dev](https://vector.dev)

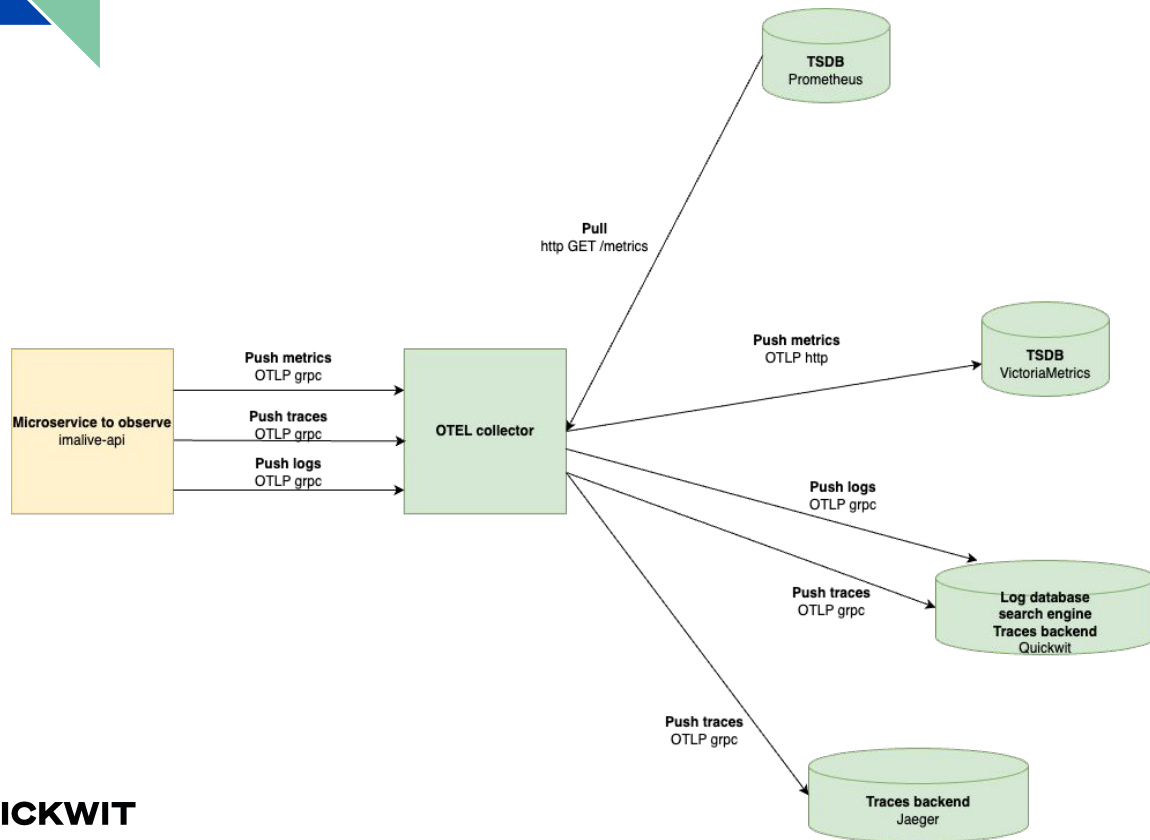


## Tutoriel pour rendre les logs avec la définition de l'indexe otel-logs par défaut



# Qu'est-ce qu'OpenTelemetry ?

Un standard d'observabilité interopérable pour les logs, traces et métriques



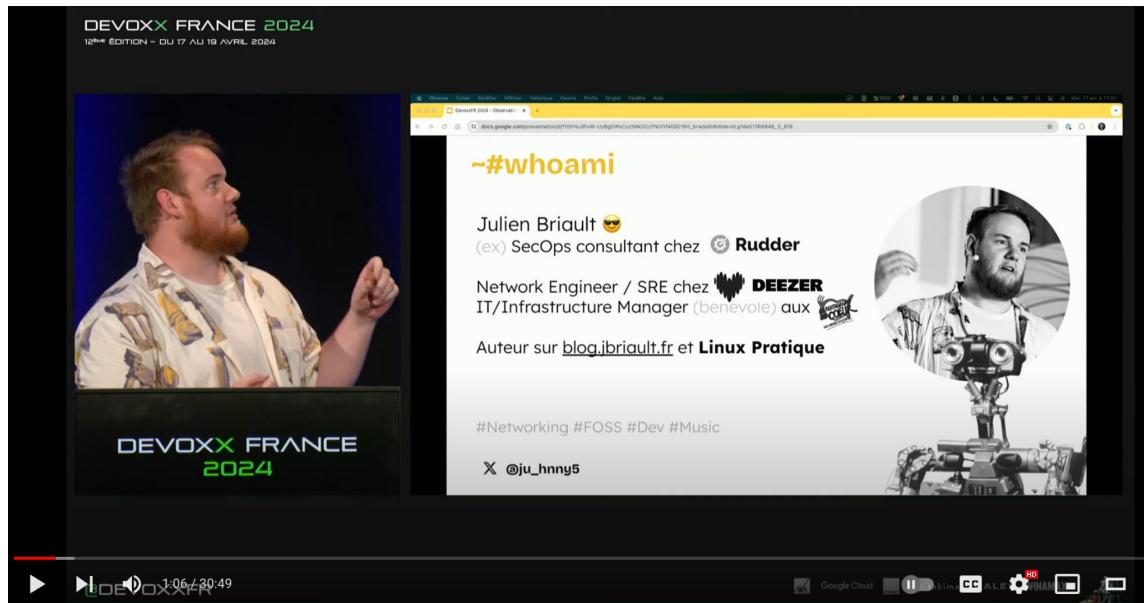
Site web : [opentelemetry.io](https://opentelemetry.io)





# Qu'est-ce que VictoriaMetrics ?

Petite parenthèse pour aller voir le talk de Julien



Talk de Julien "Observabilité :  
dépoussiérer Prometheus  
avec VictoriaMetrics":  
[youtu.be/bzLfWjUj2k0](https://youtu.be/bzLfWjUj2k0)



# Démo

Et si on passait aux choses sérieuses ?

**QUICKWIT** quickwit-default-cluster Docs

Discover  
Query editor  
Admin  
Indexes  
Cluster  
Node info  
API

Index ID  
otel-traces-v0\_7

Fields

- trace\_id
- trace\_state
- service\_name
- resource\_attributes
- resource\_dropped\_attributes\_count
- scope\_name
- scope\_version
- scope\_attributes
- scope\_dropped\_attributes\_count
- span\_id
- span\_kind
- span\_name
- span\_fingerprint
- span\_start\_timestamp\_nanos
- span\_end\_timestamp\_nanos
- span\_duration\_millis
- span\_attributes

**RUN**

No date range

1

13 hits found in 0.01 seconds

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```

Lien :

[gitlab.comwork.io/comwork\\_public/talks/bdx-quickwit](https://gitlab.comwork.io/comwork_public/talks/bdx-quickwit)



A blue parallelogram and a light green parallelogram are positioned in the upper-left corner of the slide.

Comwork

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Merci !

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