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*Debian
inestable*



Jimena

>Whoami

Estudié

Grado en Ingeniería Informática

Trabajo en STYLESAGE



@Jimena_y_yo



JimenaEB



Jimena-eb



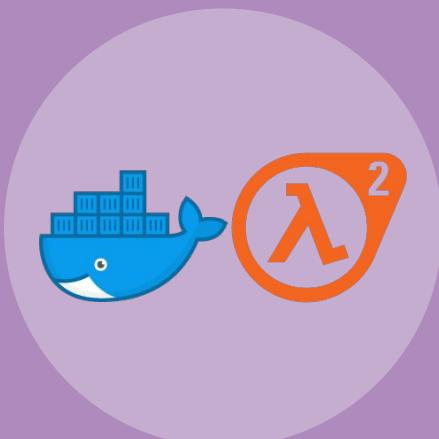
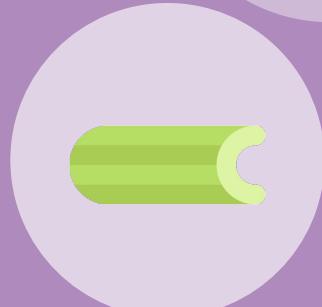
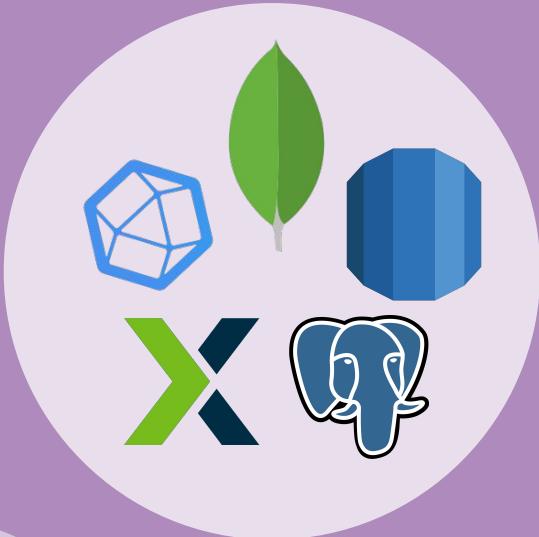


Data

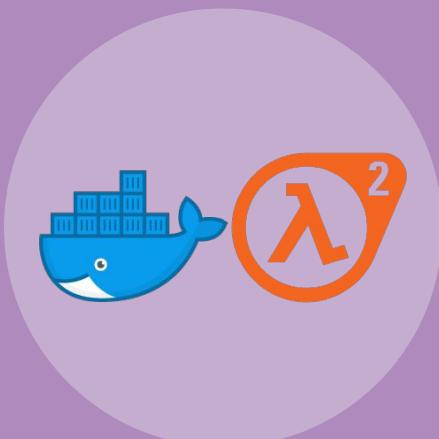
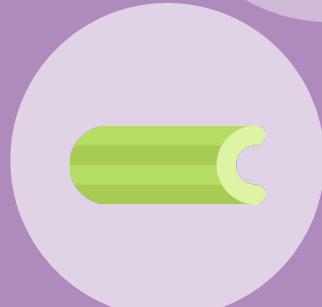
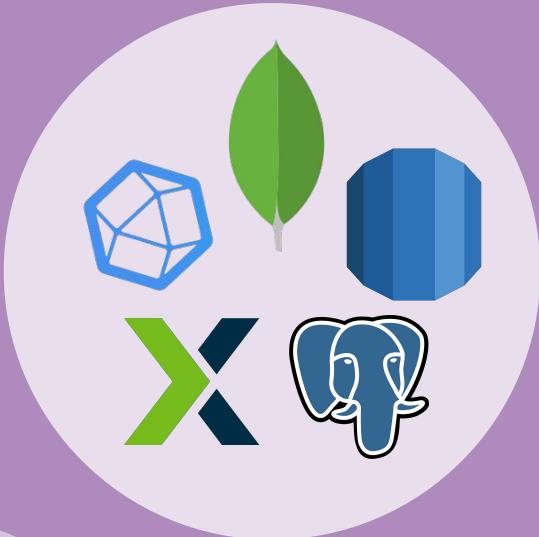
Calidad

Satisfacción cliente





STYLE SAGE



STYLE SAGE



¿Ha pasado algo?

¿Qué ha pasado?

¿Por qué ha pasado?

Información clara y a tiempo

A painting of a sailboat on a calm sea under a sky filled with fluffy, white clouds. The boat has two sails and is positioned in the lower-left quadrant of the frame, casting a long, thin shadow across the water towards the right.

Nuestro periplo

- **Cómo** Librería de Python permite separar por nivel de importancia
- **Para** Control de spiders y scripts
- **Problema** No es distribuído
- **Problema** Sólo cuentan qué ha pasado

```
import logging

logging.debug('This is a debug message')
logging.info('This is an info message')
logging.warning('This is a warning message')
logging.error('This is an error message')
logging.critical('This is a critical message')
```

```
[loggers]
keys=root,sampleLogger

[handlers]
keys=consoleHandler

[formatters]
keys=sampleFormatter

[logger_root]
level=DEBUG
handlers=consoleHandler

[logger_sampleLogger]
level=DEBUG
handlers=consoleHandler
qualname=sampleLogger
propagate=0

[handler_consoleHandler]
class=StreamHandler
level=DEBUG
formatter=sampleFormatter
args=(sys.stdout,)

[formatter_sampleFormatter]
format=%(asctime)s - %(name)s - %(levelname)s - %(message)s
```

- **Cómo** Fácil integración con Django y Flask
- **Para** Mejor que los logs
- **Para** Sistemas distribuidos
- **Problema** Ruido
- **Problema** No lo tengas en tu propio servidor

```
import sentry_sdk
sentry_sdk.init("https://<key>@sentry.io/<project>")
```

```
def json_exception_handler(func):
    '''Decorator to handle exceptions and return a valid json response'''
    @wraps(func)
    def wrapper(*args, **kwargs):
        try:
            return func(*args, **kwargs)
        except Exception as e:
            traceback.print_exc()
            return JSONResponse({
                "status": "Failure",
                "type": type(e).__name__,
                "message": str(e)
            })
    return wrapper
```



Firefox

Version: 68.0



CPython

Version: 2.7.12



Mac OS X

Version: 10.13

TAGS

browser Firefox 68.0

browser.name Firefox

client_os Mac OS X 10.13

client_os.name Mac OS X

level error

runtime CPython 2.7.12

runtime.name CPython

server_name name

trace 6bc3a67baff249fa9acd556b5f1a9a56

trace.ctx 6bc3a67baff249fa9acd556b5f1a9a56-bcd422f36087fd7a

trace.span bcd422f36087fd7a

transaction /api/v1/url

url http://url ↗

STACKTRACE (most recent call first)**Full** **Raw****raven/scripts/runner.py** in **main** at line **112**

```
107.     print("Using DSN configuration:")
108.     print(" ", dsn)
109.     print()
110.
111.     client = Client(dsn, include_paths=['raven'])
112.     send_test_message(client, opts.__dict__)
```

'args'

```
[  
    'test',  
    'https://ebc35f33e151401f9deac54903f81e12e4c24942d505f086b2cad@sentry.io/1'  
]
```

Show More**raven/scripts/runner.py** in **send_test_message** at line **77**

[+]

raven/base.py in **captureMessage** at line **577**

[+]

raven/base.py in **capture** at line **459**

[+]

raven/base.py in **build_msg** at line **303**

[+]

- **Cómo** Cliente
- **Para** Información plataformas web
- **Para** Productos e imágenes
- **Para** Request y data transfer
- **Problema** Estructurar los datos - Un mal esquema problemas en el servidor

```
from influxdb import InfluxDBClient
```

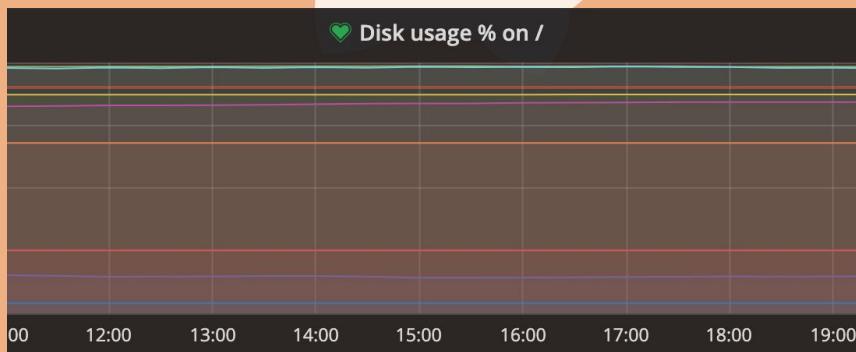
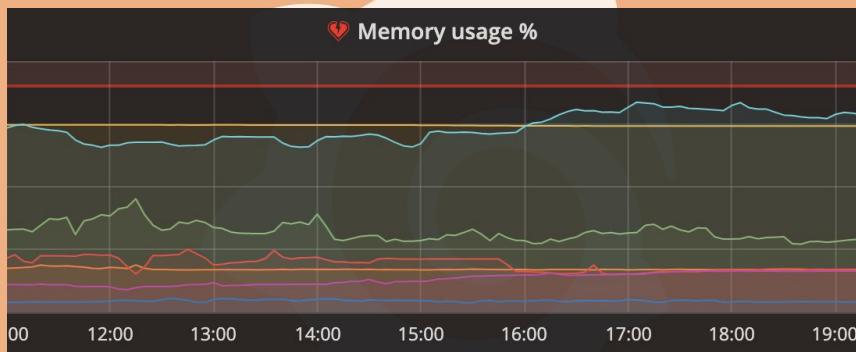
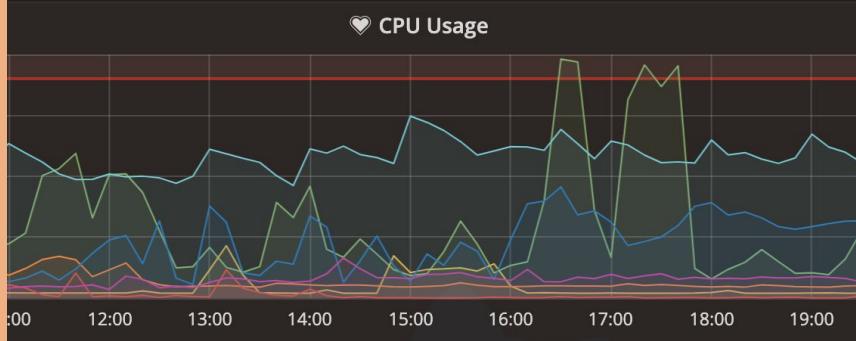
```
influx_client = InfluxDBClient(  
    host=settings.INFLUX_HOST,  
    port=settings.INFLUX_PORT,  
    database=settings.INFLUX_DB,  
)
```



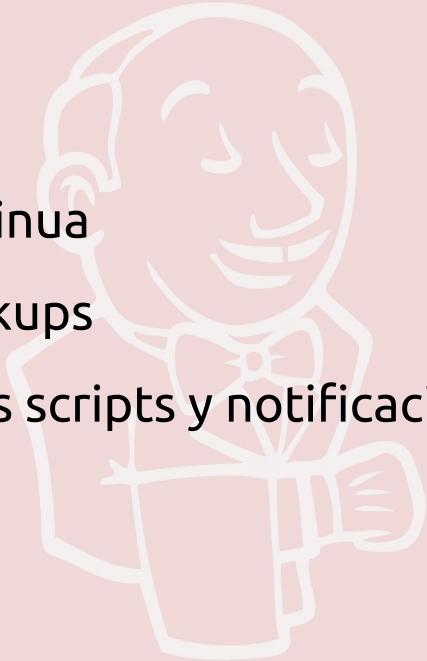
```
homepage_measurement = {
    'measurement': 'home_pages_screenshot_stats',
    'date': homepage.dt_screenshot,
    'tags': {
        'webshop': webshop.code,
        'priority': webshop.priority,
        'country': Country.get_by_id(webshop.country_id).code,
    },
    'fields': {
        'id': homepage.id,
        'quality': homepage.quality,
        'has_significant_changes': homepage.has_significant_changes,
        'success': success,
    }
}
influx_client.write_points([homepage_measurement])
```



- **Cómo** Integrado con Influx
- **Para** CPU, memoria y uso de disco
- **Para** Información representada en tiempo (Influx)
- **Problema** Bombardeo de alertas y ralentiza servidores

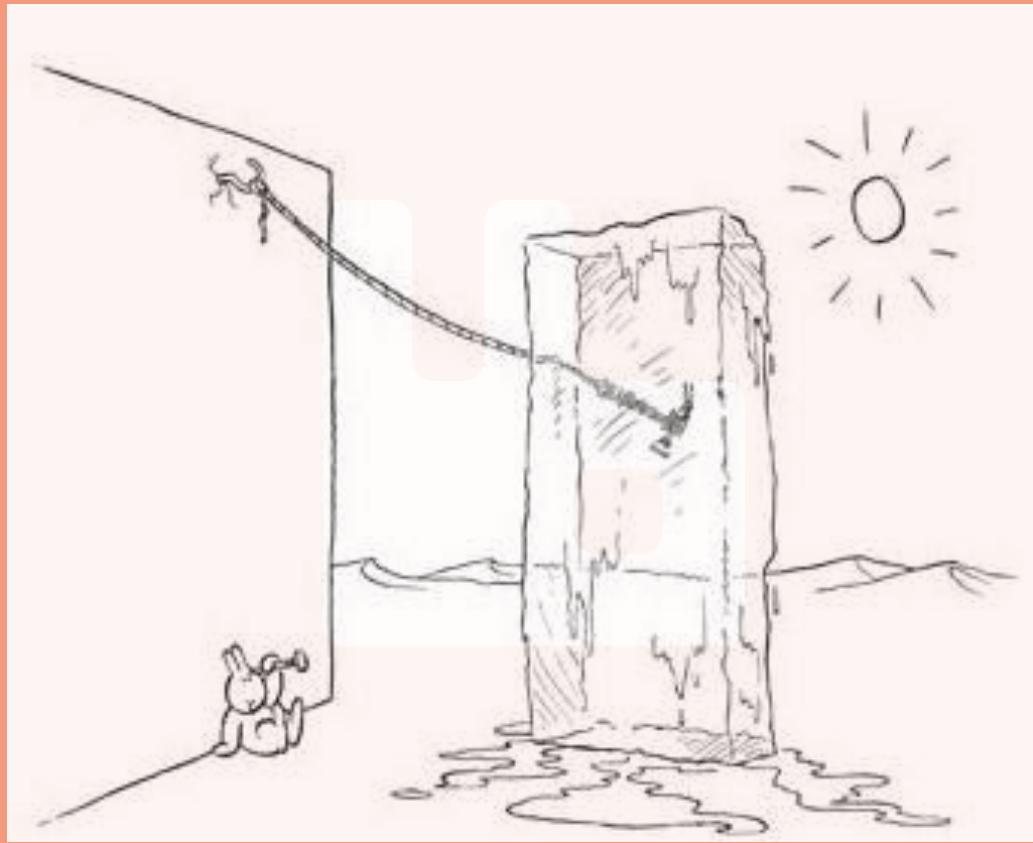


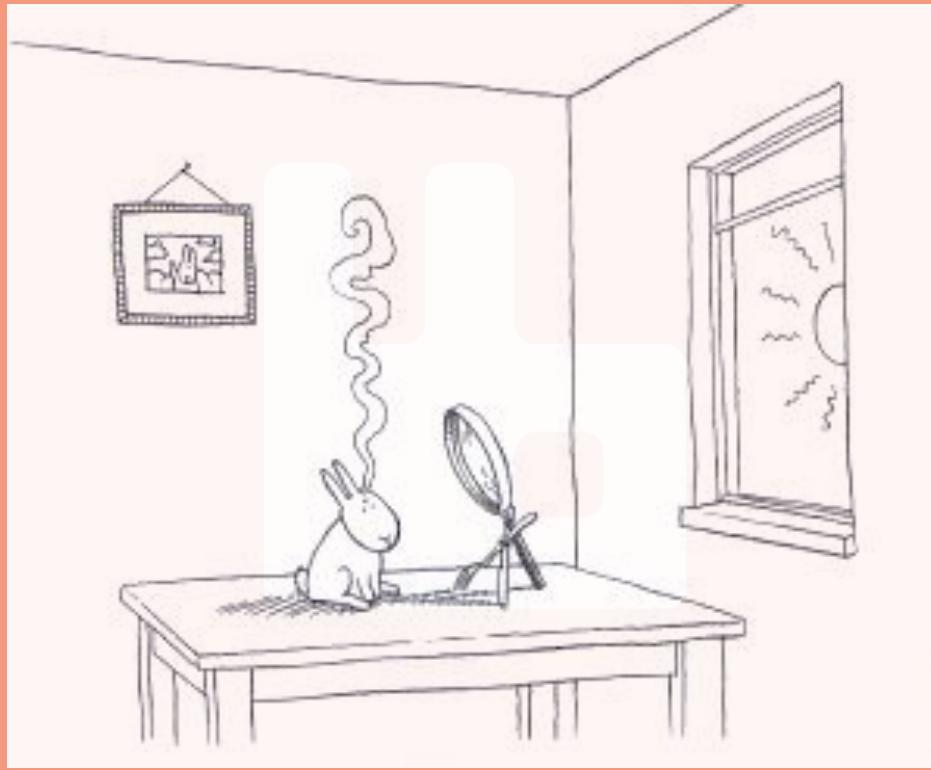
- **Cómo** Integración continua
- **Para** Estado de los backups
- **Para** Información de los scripts y notificaciones

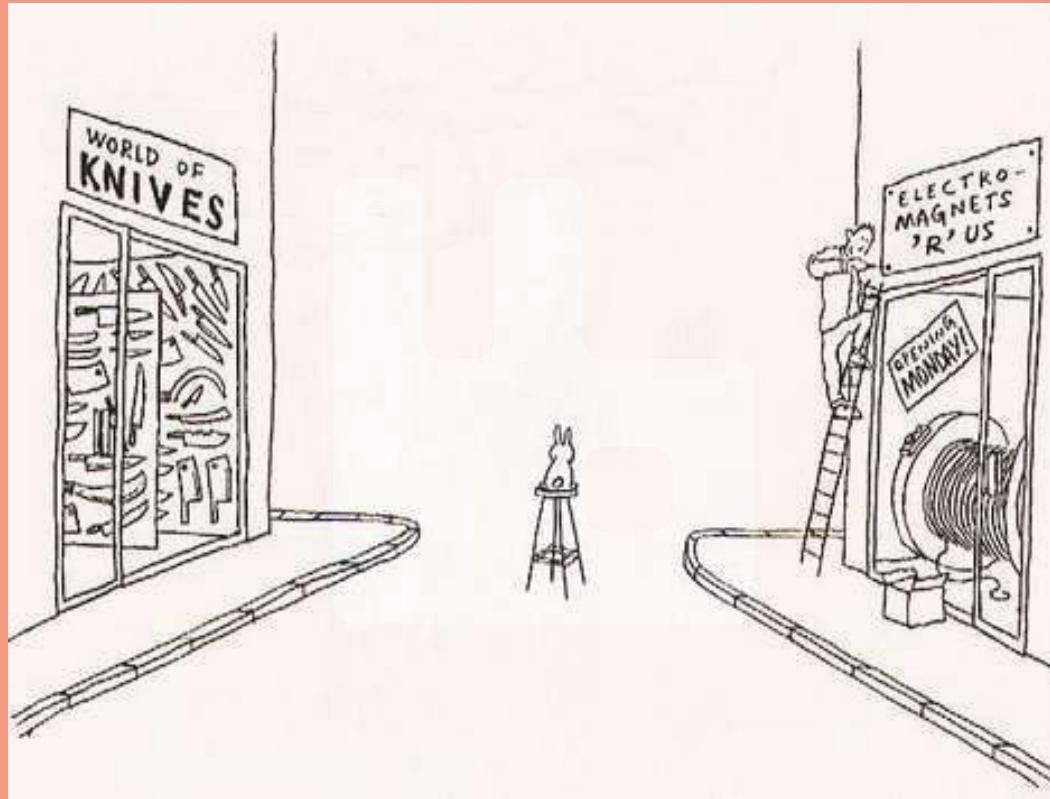


S	W	Name ↓	Last Success	Last Failure	Last Duration
		Postgress Backup	6 days 16 hr - #96	N/A	1 day 21 hr
		Influx Backup	13 hr - #963	22 days - #929	20 sec
		Postgress-dev Backup	1 yr 6 mo - #6	1 yr 6 mo - #5	2.6 sec
		MongoDB Backup	1 mo 27 days - #131	N/A	0.96 sec

- **Como** Librería de Python
- **Para** Workers de Celery
- **Para** Ratio de consumo de mensajes, estado de las colas
- **Problema** 20Mb ram/cola mínimo

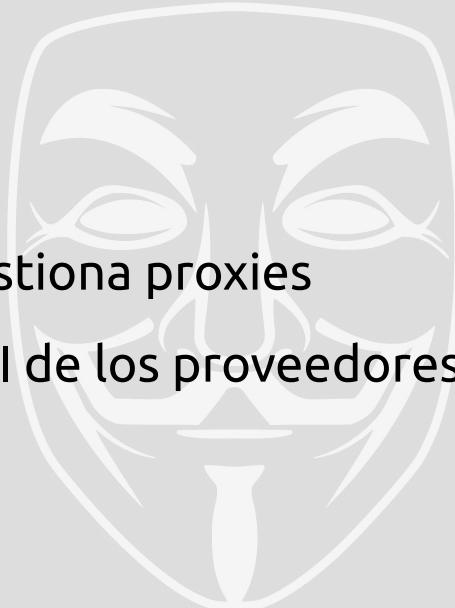






/	_deeplearning_1	D	idle	0	0	0
/	_deeplearning_2	D	idle	0	0	0
/	_deeplearning_3	D	idle	0	0	0
/	_deeplearning_4	D	idle	0	0	0
/	_deeplearning_5	D	idle	0	0	0
/	_deeplearning_6	D	idle	0	0	0
/	_deeplearning_7	D	idle	0	0	0
/	_deeplearning_8	D	idle	0	0	0

- **Cómo** Microservicio
- **Para** Añade, borra y gestiona proxies
- **Para** Conecta con la API de los proveedores



- **Cómo** Media ponderada - Cantidad de cambio
- **Para** Enfocado a scraping
- **Para** Monitorizar los cambios
- **Para** Sin saber si está bien o mal

- **Cómo** Queries y filtros
- **Cómo** Scripts
- **Para** Dashboards de métricas
- **Para** Seguimiento de errores e incidentes

Webshop Problems

...

Key	P	Spider name	Updated	Mapping Webshop Problem Mi
name-1	↗	name-1	05/Oct/19	Path, Image
name-2	↑	name-2	05/Oct/19	Image
name-3	↑	name-3	06/Oct/19	Image

Send back after Reviewed Last Month

...

Count Percentage



To be reviewed

...

Key

P Summary

Spider name

- **Cómo** Webhooks
- **Para** Unificar notificaciones
- **Problema** Ruido



- **Cómo** Integrado con AWS
- **Para** Dockers y Lambdas
- **Problema** Logs segmentados por instancia

	Time (UTC +00:00)	Message
	2019-10-03	
		<i>No older events found at the moment. Retry.</i>
▶	09:53:36	[2019-10-03 09:53:36 +0000] [1] [INFO] Starting gunicorn 19.9.0
▶	09:53:36	[2019-10-03 09:53:36 +0000] [1] [INFO] Listening at: http://0.0.0.0:5000 (1)
▶	09:53:36	[2019-10-03 09:53:36 +0000] [1] [INFO] Using worker: eventlet
▶	09:53:36	[2019-10-03 09:53:36 +0000] [10] [INFO] Booting worker with pid: 10
▶	09:53:36	[2019-10-03 09:53:36 +0000] [11] [INFO] Booting worker with pid: 11
▶	09:53:36	[2019-10-03 09:53:36 +0000] [12] [INFO] Booting worker with pid: 12
▶	09:53:36	[2019-10-03 09:53:36 +0000] [13] [INFO] Booting worker with pid: 13
▶	10:55:58	[2019-10-03 10:55:58 +0000] [1] [INFO] Handling signal: term
▶	10:55:59	[2019-10-03 10:55:59 +0000] [11] [INFO] Worker exiting (pid: 11)
▶	10:55:59	[2019-10-03 10:55:59 +0000] [10] [INFO] Worker exiting (pid: 10)
▶	10:55:59	[2019-10-03 10:55:59 +0000] [13] [INFO] Worker exiting (pid: 13)
▶	10:55:59	[2019-10-03 10:55:59 +0000] [12] [INFO] Worker exiting (pid: 12)
▶	10:55:59	[2019-10-03 10:55:59 +0000] [1] [INFO] Shutting down: Master



#Externalizar

#Filtrar

#Histórico

#Facilitar

Detectar, recopilar, notificar, enviar a quien corresponda







RIEMANN

kibana

 Open Distro
for Elasticsearch

JAMES TURNBULL

THE
ART
OF
MONITORING



“ In case I don't see ya,
good afternoon,
good evening,
and good night!

