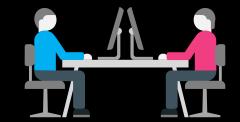# Application
Logging

MONITOR APP LOGS USING

" KUBECTL LOGS"

```
# dump pod logs (stdout)
kubectl logs [POD-NAME]
```

```
# stream pod logs (stdout)
kubectl logs -f [POD-NAME]
```

```
# view logs for last hour
kubectl logs [POD-NAME] --since=1h
```

```
# Display only more recent 20 lines of output in nginx pod
kubectl logs [POD-NAME] --tail=20
```

```
# dump pod logs (stdout) for a previous instantiation of a container
kubectl logs [POD-NAME] --previous
```

```
# Save log output to a file
kubectl logs [POD-NAME] > [FILE-NAME].log
```

```
# dump pod container logs (stdout, multi-container case)
kubectl logs [POD-NAME] -c [CONTAINER-NAME]
```

```
#dump logs of all containers inside nginx pod
kubectl logs [POD-NAME] --all-containers=true
```

```
# dump pod logs, with label name=myLabel (stdout)
kubectl logs -l name=[LABEL-NAME]
```

LOGGING **PIPELINE**

DATA SOURCE ①	→	AGGREGATOR ②	→	STORAGE ③	→	VISUALIZATION ④

App Logs

K8s Logs

Sys Logs

fluentd → elasticsearch → kibana

logdna | sumologic® | logz.io

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