

MonAMI for MySQL and Oracle sensors

based on slides
from HEPix talk

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Concepts

The three key monitoring components.

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Concepts

Who wants to know?

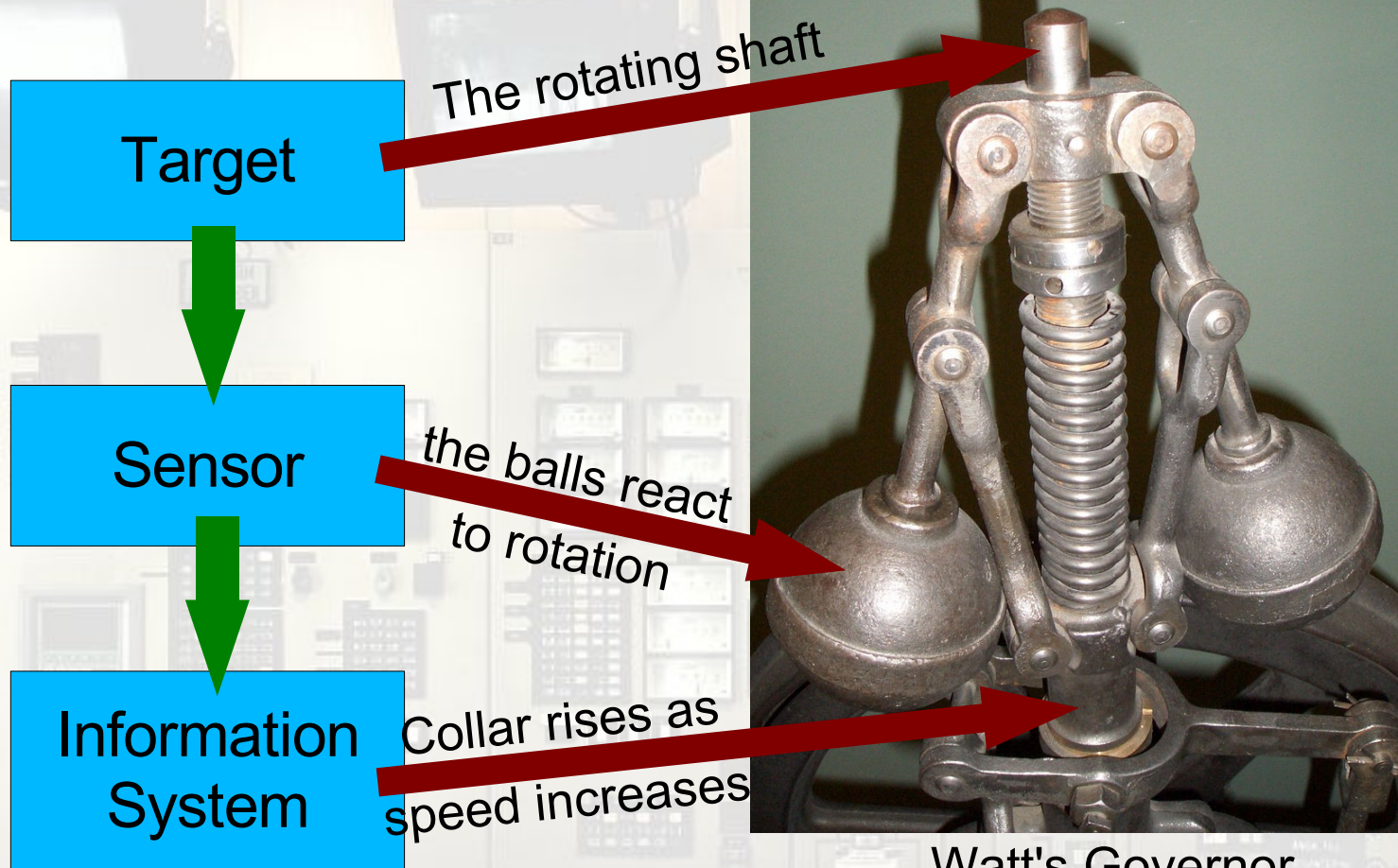
MonAMI

Summary



Concepts

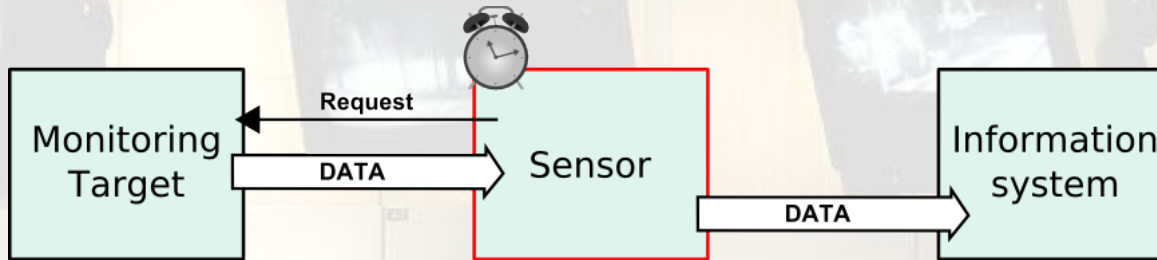
Key monitoring components



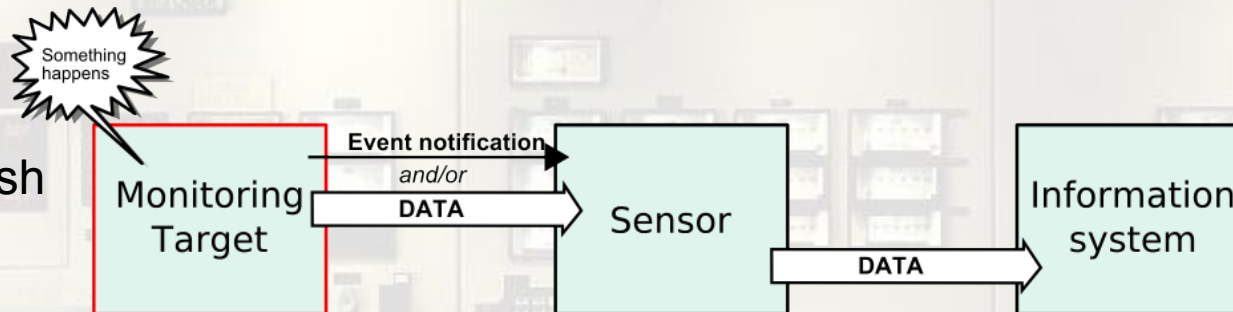
Concepts

The 3 basic types of monitoring.

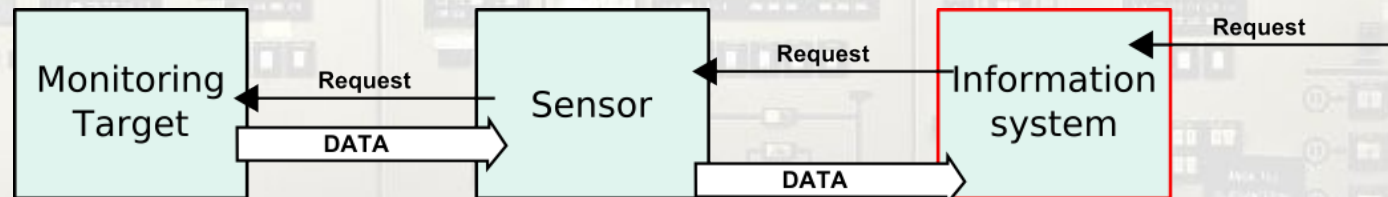
Synchronous push
("polling")



Asynchronous push
("alerts")

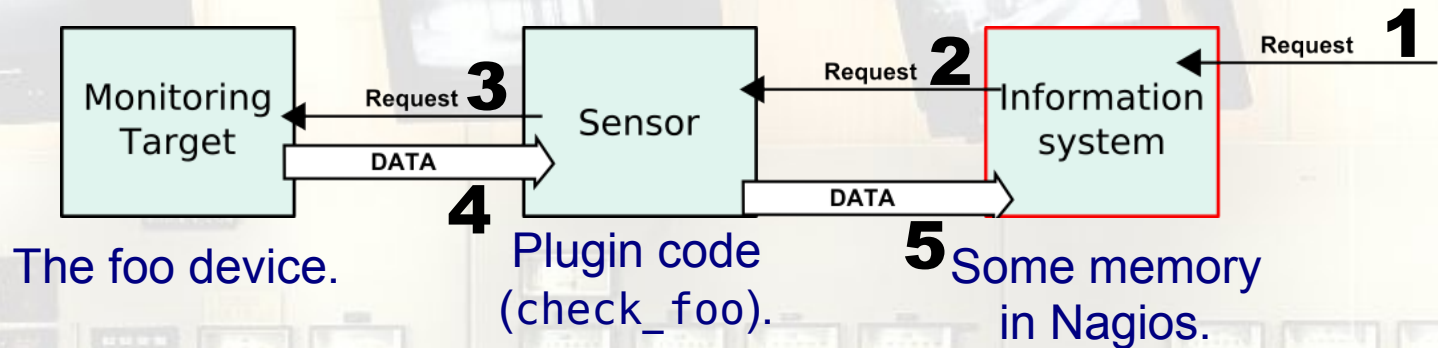


Asynchronous pull
("query")



Concepts

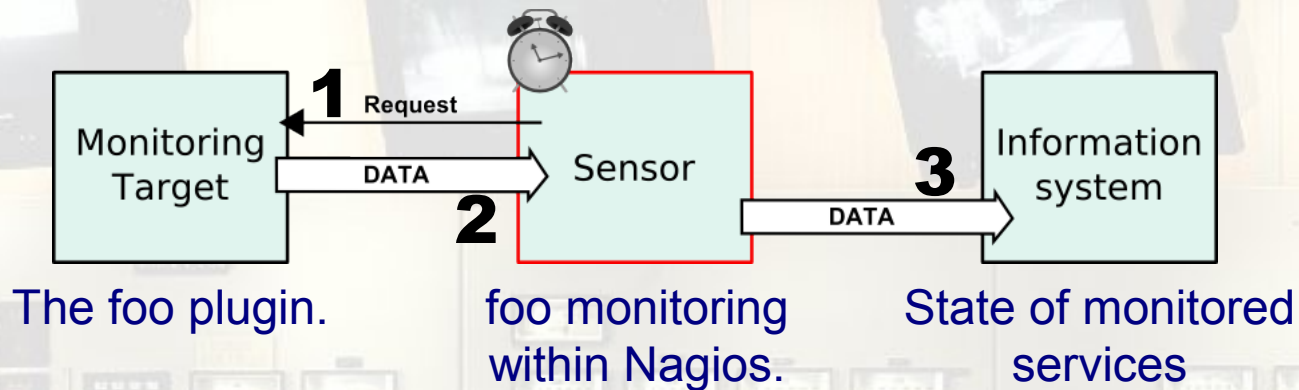
Case study: Nagios part 1 (the plugins)



1. Nagios realises its time to check state of foo,
2. Nagios fork()s and exec()s, starting up the plugin,
3. Plugin requests foo current state,
4. It replies with current state,
5. Sensor sends back OK, WARNING or CRITICAL.

Concepts

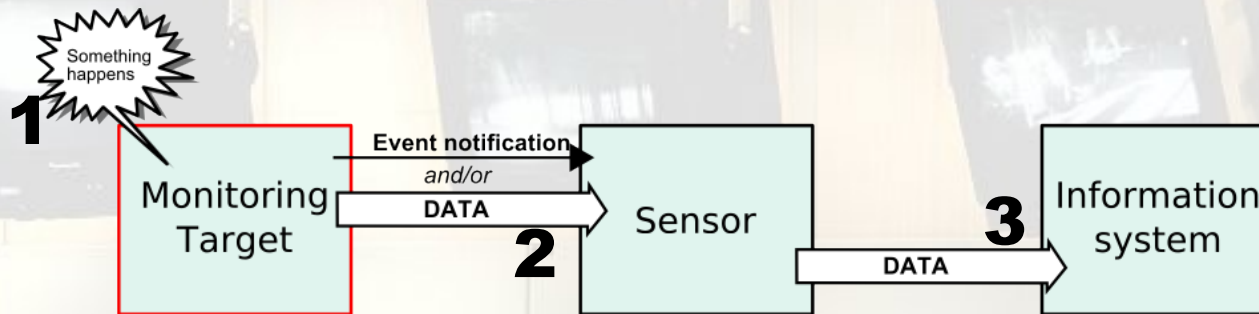
Case study: Nagios part 2 (state changes)



1. Nagios realises its time to check state of foo,
2. The `check_foo` plugin returns state WARNING,
3. This WARNING state is stored.

Concepts

Case study: Nagios part 3 (alerts!)



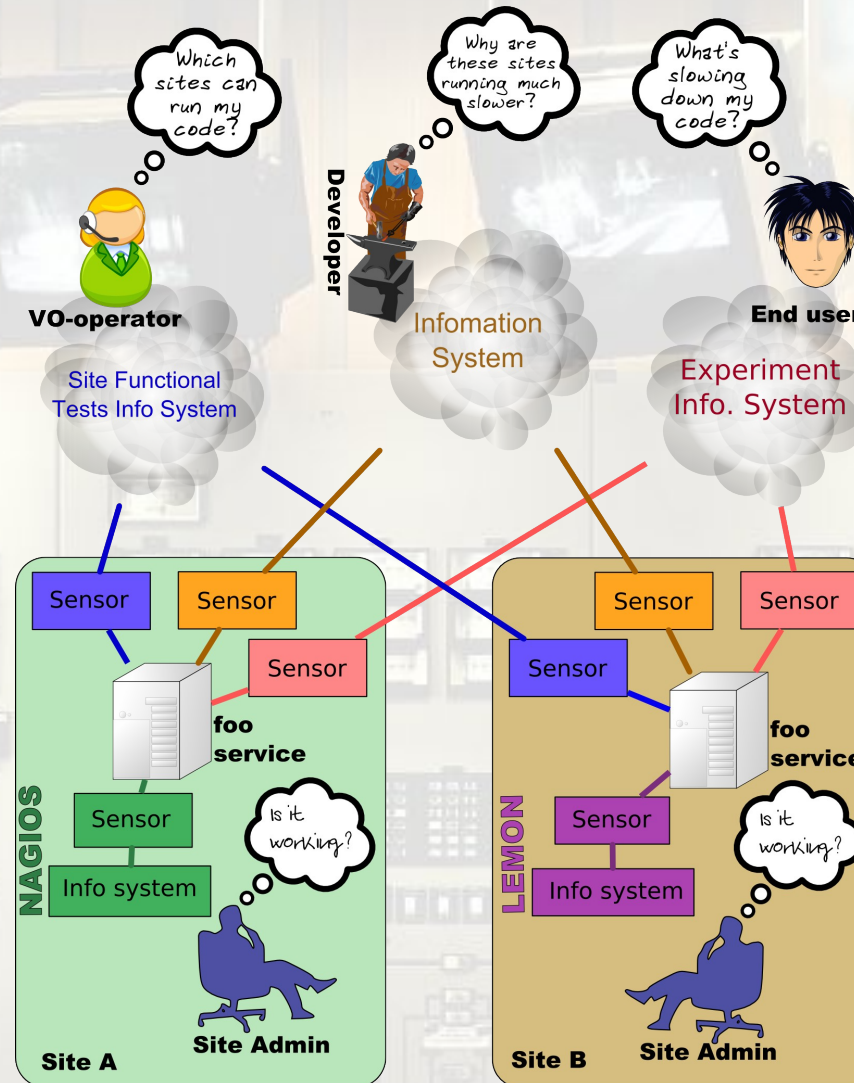
1. State change! Service foo changes from OK to WARNING,
2. Notification handler picks up this change,
3. Sends an email.

Who wants to know?

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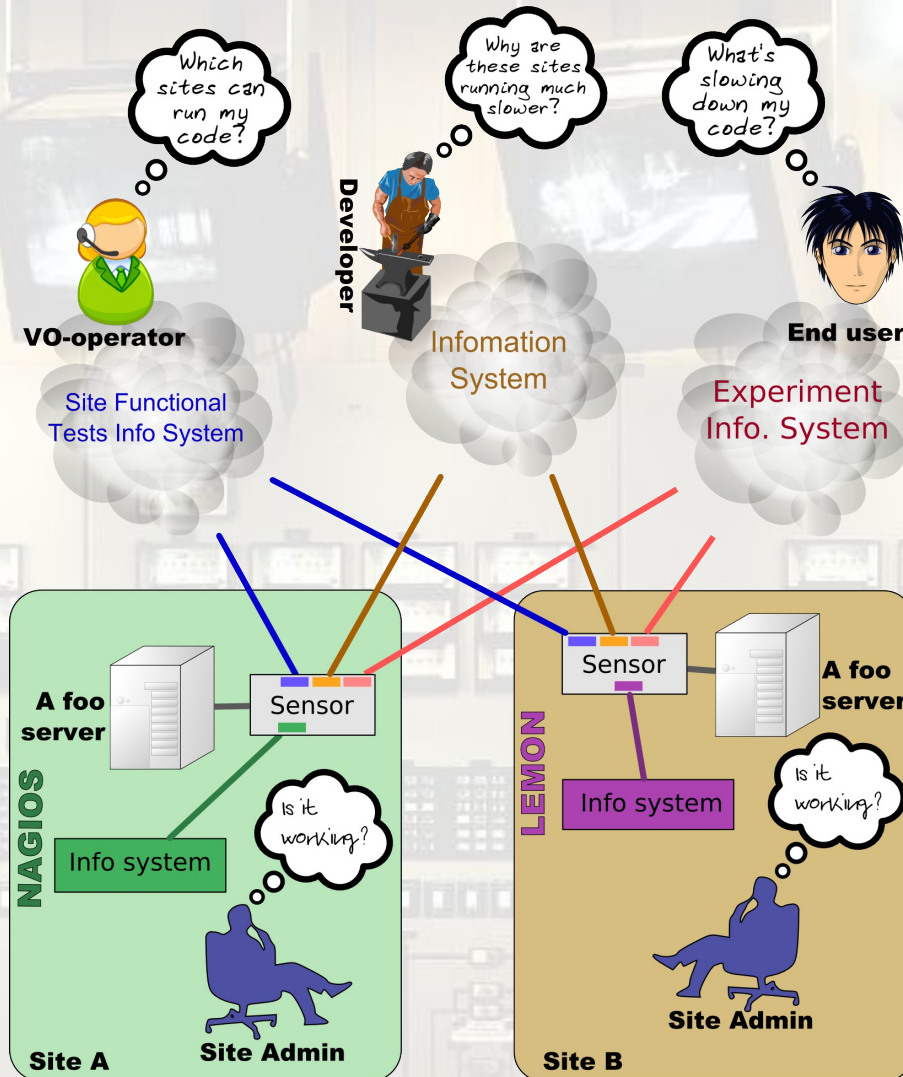
Who wants to know?

- End users
- Developers
- VO/Grid operations
- System administrators



Who wants to know?

End users
Developers
VO/Grid operations
System administrators





MonAMI

Aims

Overview

What's available

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MonAMI

Aims

Stop people having to inventing their own sensors!

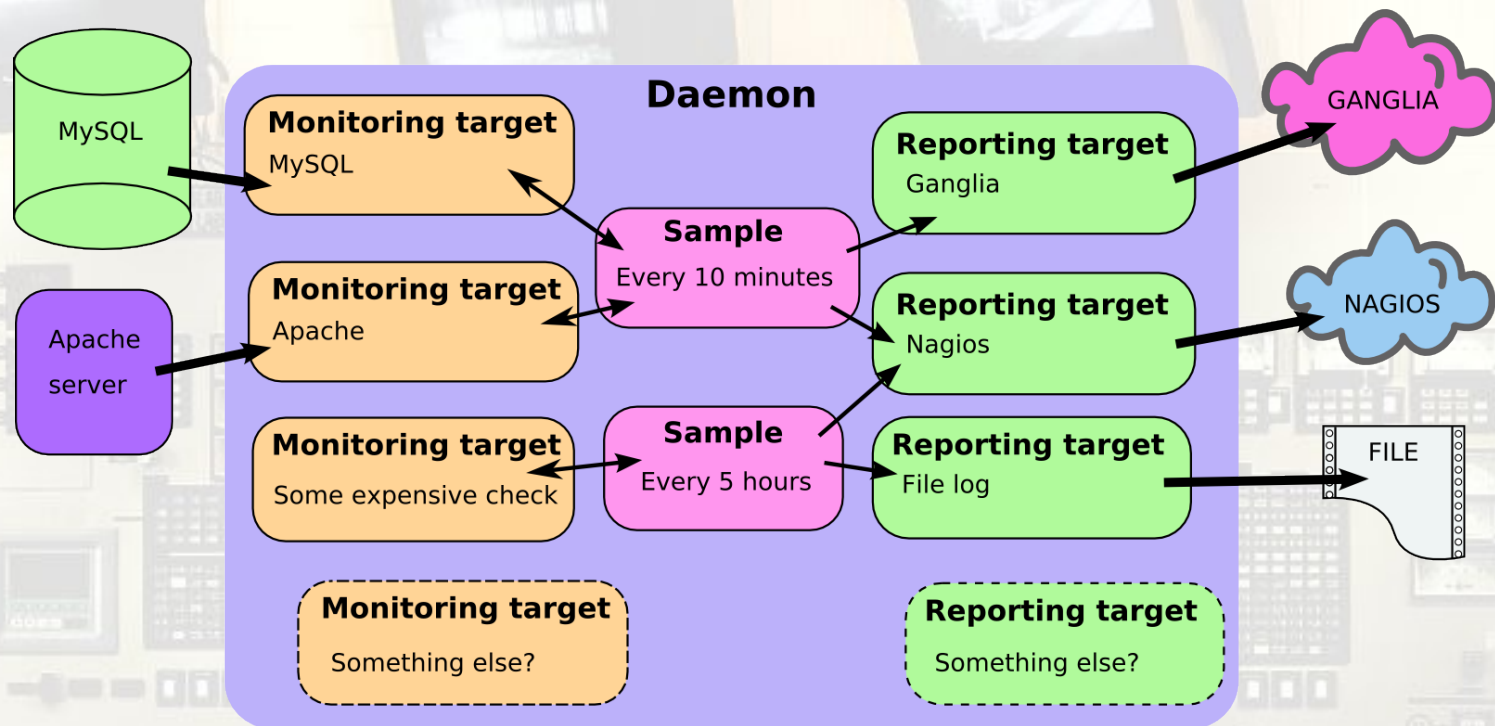
Provide a “universal” frame-work for sensors.

To provide data for different Information Systems for different groups of people.

Not everyone wants to monitoring everything, so much be easy to configure

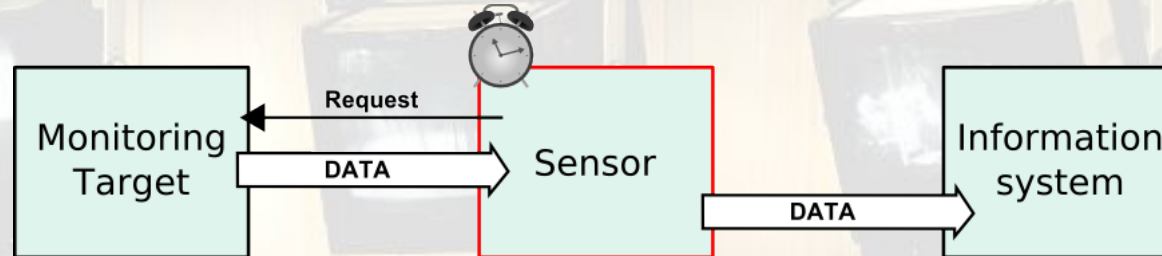
MonAMI

Overview

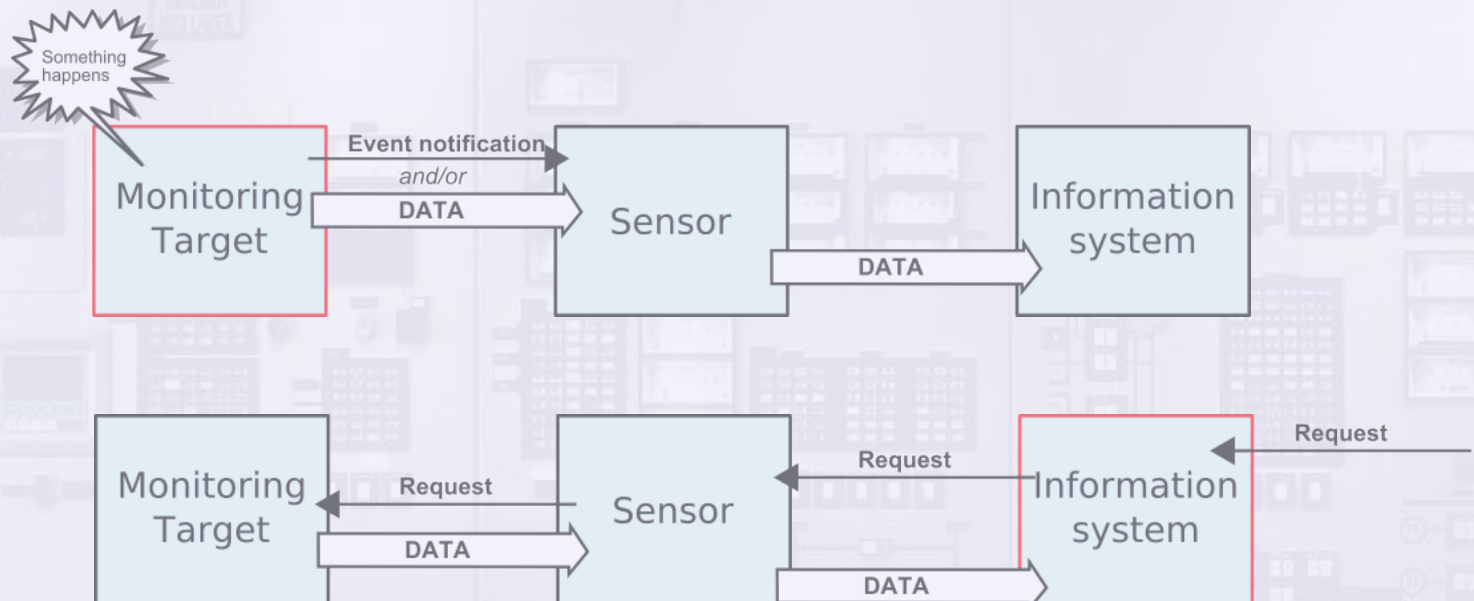


MonAMI

Supported



Not yet supported



MonAMI

Currently available

Monitoring:

MySQL,

Tomcat,

Apache,

AMGA,

NUT,

process:

counting,

detailed info.

Reporting:

Ganglia,

Nagios,

MonaLisa,

File logs.



Summary

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Summary

- MonAMI aims to be a universal sensor.
- Satisfy multiple monitoring “stake-holders”.
- Easy to configure: each monitoring stakeholder just drops a file in a well-defined directory.
- DB support are one of the stake-holders.
What do YOU want it to do?
- Available from:
<http://monami.sourceforge.net/>