QuatView

Quattor workshop 2008

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Motivation

- Knowing the intended state of the farm
- Where is which (virtual) machine?
- All the important information in one table
- Many admins working on quattor
- Outdated wiki

What is QuatView

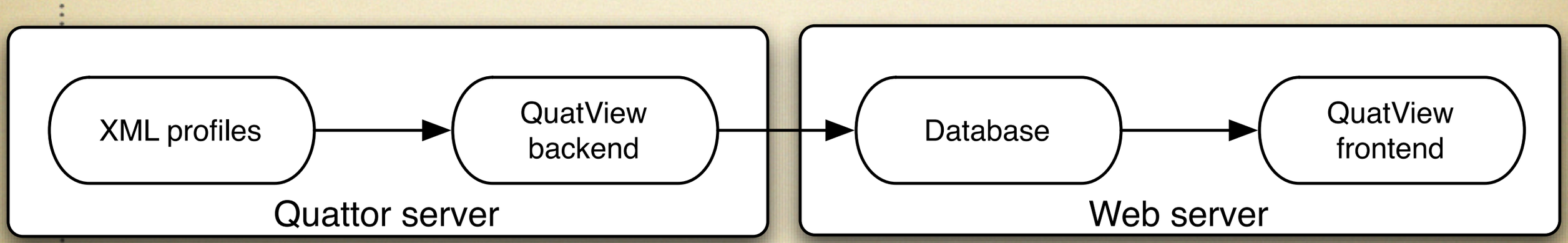
- One table with all needed information
- Web application
- Lightweight
- Easy to configure and adapt

Demo

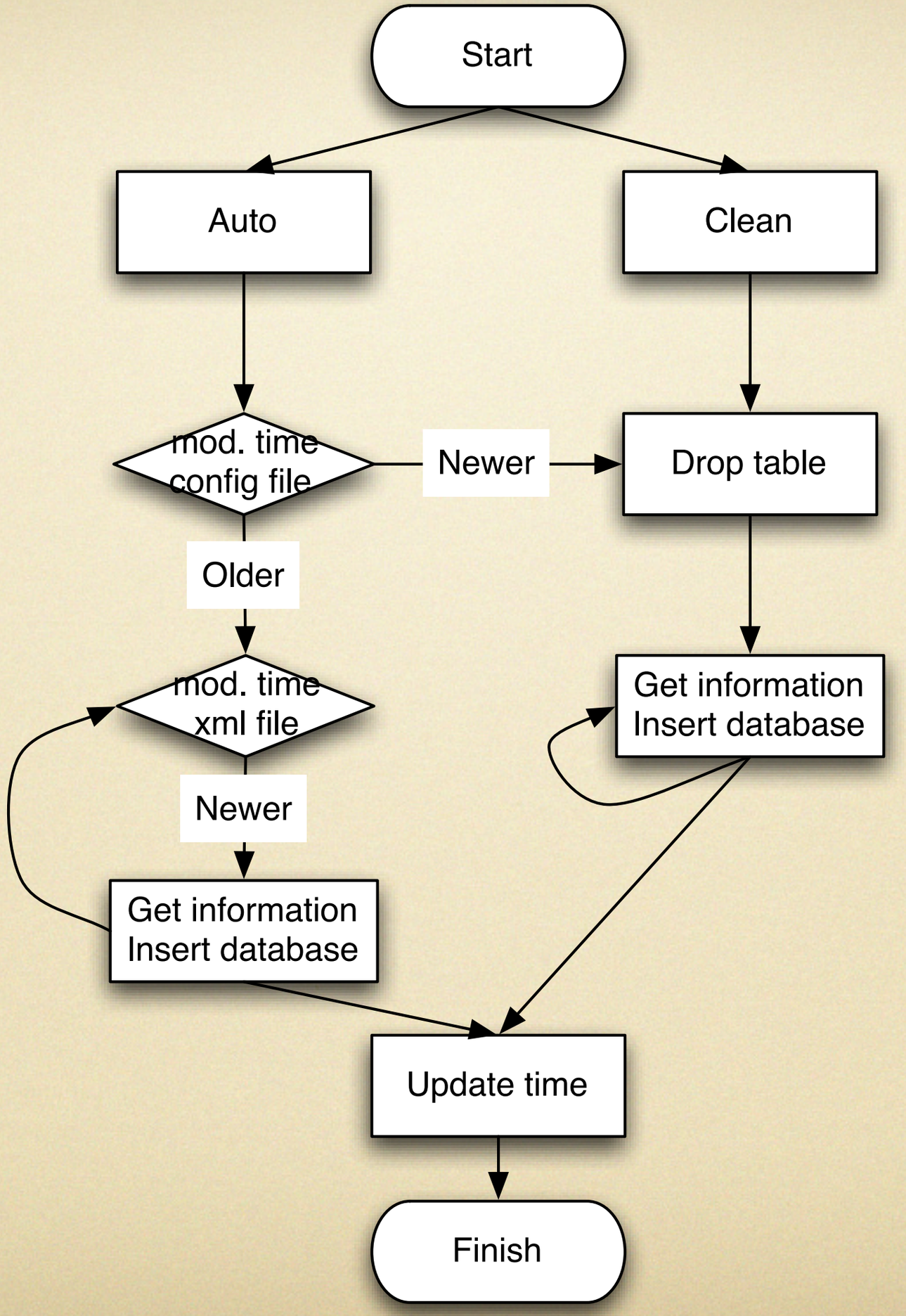
Requirements

- Use of standard tools
- SCDB Compatible
- Flexible
- One simple config file
- Optimized processing of xml files
- Language independent plugins

Overview


XML profiles
QuatView backend
Quattor server
Database
QuatView frontend
Web server

Schema Backend



Configuration

```
[quattor]
location = /hardware/location
ip = /system/network/interfaces/*/ip
hostname = /system/network/hostname
kernel = /system/kernel/version
mac = /hardware/cards/nic/*/hwaddr
ipmi = @ipmi.py

[config]
xmllocation = /home/tsuerink/quatview/xml/
display = hostname,location,ip,kernel,mac,ipmi

[database]
hostname = ploeg.nikhef.nl
username = quattor
password = ******
database = quattor
```

Status

- Beta version
- Need some documentation
- Test version in use @ Nikhef

Questions?