

# MAD

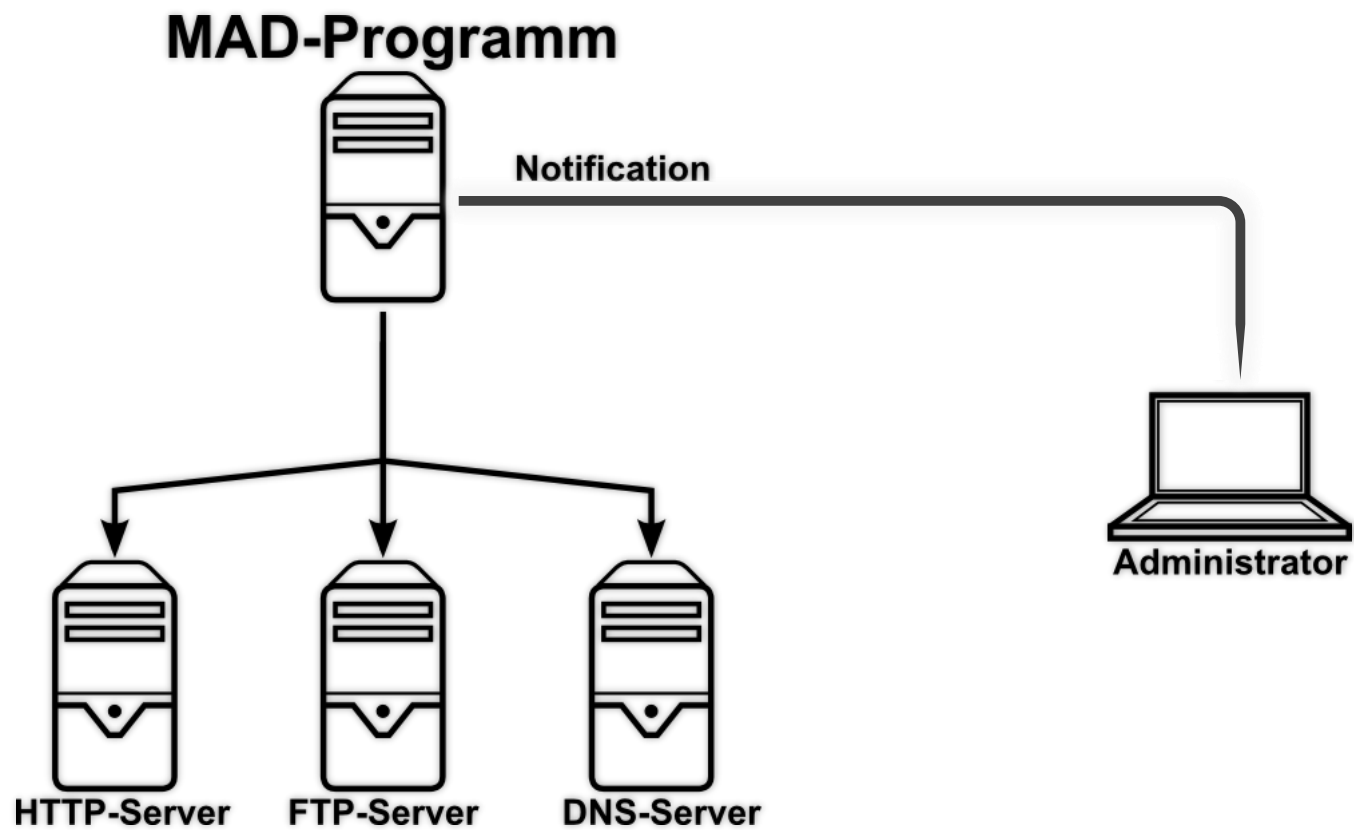
## NETWORK MONITORING

Alin Porcic, Daniel Ranalter,  
Manpreet Singh, Marko Stojanovic

# ZIEL

- Software
- Netzwerküberwachung
- Heimnetzwerk – kleine Firma

# ZIEL



# WER UND WAS ?

## Alin Porcic & Job System

- Organisation der Aufgaben im Netzwerk
- Trennung von Netzwerkgeräten und Netzwerkoperationen

# WER UND WAS ?

## Daniel Ranalter & Networking

- Host-Detection
- Dienstüberprüfung
- SNMP – Network traffic
- Internetüberprüfung

# WER UND WAS ?

## Marko Stojanovic & Database

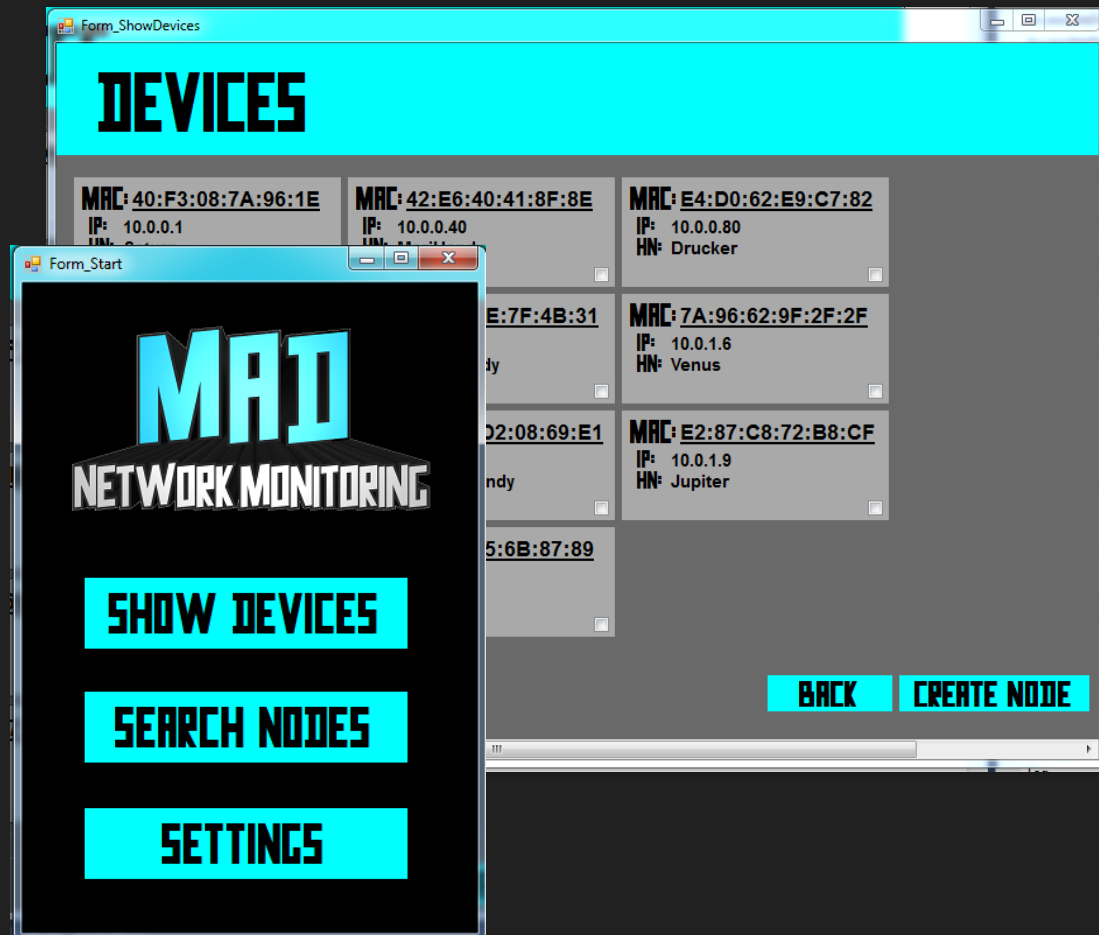
- SQLite

- Opensource

# WER UND WAS ?

Manpreet Singh/Marko Stojanovic & GUI

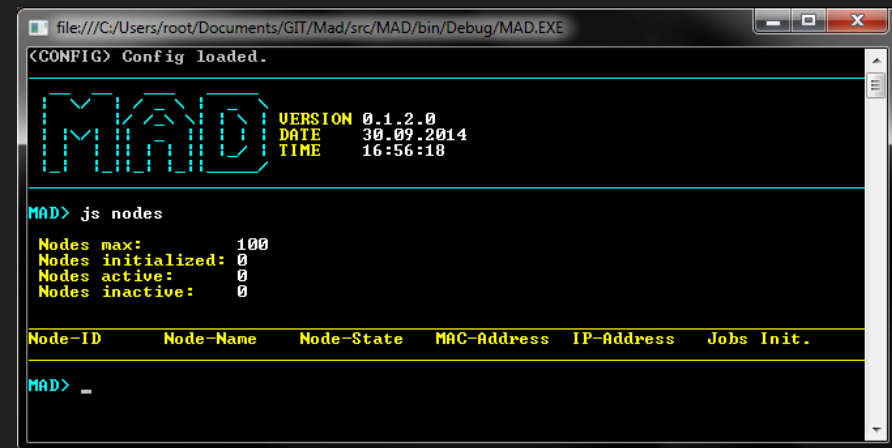
- Graphical User Interface
- Einfach
- Auswertungen



# WER UND WAS ?

## Alin Porcic & CLI

- Command Line Interface  
(=textbasierende Schnittstelle)
- Einfache Implementierung  
von Befehlen
- Universelle Schnittstelle



The screenshot shows a Windows command prompt window titled "file:///C:/Users/root/Documents/GIT/Mad/src/MAD/bin/Debug/MAD.EXE". The prompt is "<CONFIG> Config loaded.". Below this, the word "MAD" is displayed in a large, stylized, blue-outlined font. To the right of "MAD", the following information is shown: "VERSION 0.1.2.0", "DATE 30.09.2014", and "TIME 16:56:18". The prompt then changes to "MAD>". The user enters the command "js nodes", and the output is displayed: "Nodes max: 100", "Nodes initialized: 0", "Nodes active: 0", and "Nodes inactive: 0". Below this, a table header is shown: "Node-ID Node-Name Node-State MAC-Address IP-Address Jobs Init.". The prompt then changes to "MAD> \_".

```
<CONFIG> Config loaded.

MAD VERSION 0.1.2.0
      DATE 30.09.2014
      TIME 16:56:18

MAD> js nodes
Nodes max: 100
Nodes initialized: 0
Nodes active: 0
Nodes inactive: 0

Node-ID Node-Name Node-State MAC-Address IP-Address Jobs Init.

MAD> _
```



# STATUS

- Auseinandersetzung
- Fortschritt: ~70%

**DANKE FÜR IHRE  
AUFMERKSAMKEIT**

Alin Porcic, Daniel Ranalter,  
Manpreet Singh, Marko Stojanovic