

Stage weken voor de opleiding Master Informatica

Titel: Build your own MIPS Engine

Gegevens bedrijf:

Naam: MIPS nv

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Adres waar de student zal werken: Sluisweg 2 te 9000 Gent

Korte of lange stage: **4 weken / 6 weken**

Korte beschrijving van de opdracht:

1 Situation

- In our support department we need to have a tool to easily capture all related root cause data in a file and which can be sent to our servers.

2 Challenge

- A good scoping process is essential
 - We have multiple solutions (CyberLab, GLIMS, Samplenet, ...), multiple version and multiple OSes (Windows Server x and UNIX)
 - The tool needs to read logfiles (from different servers and/or folders). Access to this folders can be problem.
 - We need technical details about the server, details about the client (Windows machine).
 - We need details over the installed versions of eg JAVA
 - We need to be able to read / report settings in registry
 - All data must be encrypted
 - Some data must be scrambled before using it
 - Data must be send to our servers
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- A knowledge of different OS is needed
- The deliverable must be able to run without first installing it. So 1 single exe capturing all info.
- Possibility to extend the software in a next phase (documentation of the code is essential)
- The software must be branded with the MIPS logo
- Code language is free to use, open source preferable.

3 Profile

- An enthusiastic, open-minded person needs to interview different people to find out where the information is stored / configured and organized.
- She/He needs to be able to query information in Progress database, Oracle database, registry, logfiles (encrypted, key in the application), ...
- Must be able to talk to support engineers (Dutch/English) and developers (Dutch/English).

4 Support

- You will get all the support you want, but you are responsible for the deliverable.
- You are end-to-end responsible for this project, scoping will be managed by the support director and teamleads.

5 Result

- You will have your own build 'MIPS Engine' which will be used daily in our organisation.
- You will be proud of this deliverable for a well-known company, situated near the Ghelamco Arena in Gent.

Technologieën die aan bod zullen komen:

