

Stage weken voor de opleiding Master Informatica

Titel: BIML Framework

Gegevens bedrijf:

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Korte of lange stage: 6 weken

Korte beschrijving van de opdracht:

BIML Framework

Concept

Like any IT-process, datawarehousing holds its own principles, best practices and guidelines.

The process-rules are defined at the start of any DWH-project, and are followed afterward during the implementation. Maintaining these rules however is still mainly a manual process. With Business Intelligence Markup Language, BIML for short, there is now a suitable solution to implement these rules without becoming too project-specific. BIML can be set up on top of a metadata layer so the generated SSIS packages can be built in the exact same way every time.

This offers a lot of possibilities towards conformity across projects, ease of maintenance and even documentation of the ETL-process.

Goal

Design a BIML-framework to be used in DWH-projects.

Keeping logging, auditing and monitoring in mind and provide configuration which provide the developer with the choice to activate certain features.

Develop a semantic layer on top of your configuration, auditing & monitoring solution; implemented using SSAS Tabular providing visualizations in SSRS or PowerBI.

Stagevoorwaarden

- Kandidaten dienen een opleiding Informatica te volgen. Kennis van C# is een voordeel, interesse in datawarehousing en Business Intelligence is noodzakelijk.
- De stage opdracht zal uitgevoerd worden in onze kantoren te Mechelen. Kandidaten dienen hun verplaatsing zelf te organiseren.
- Kandidaten zijn in staat om zelfstandig te werken zonder dagelijkse begeleiding

Technologieën die aan bod zullen komen:

Visual Studio 2017, SQL Server 2017, SSIS, SSAS Tabular, SSRS, PowerBI, C#, BIML, BimlExpress