

Povzetek

Glavni poudarek diplomske naloge je na razvoju postopkov za zajem, transformacijo in polnjenje podatkovnega skladišča (ETL postopkov) z orodjem Oracle Warehouse Builder, ki nam omogočajo prenos podatkov v podatkovno skladišče. Da lahko to sploh počnemo, moramo najprej poznati osnove podatkovnega skladiščenja ter različne metode, kako pristopiti k izgradnji podatkovnega skladišča (poglavje 2). Potrebno je tudi znanje o tem, kako se naredi podatkovni model, ki je eden osnovnih gradnikov pri izgradnji podatkovnega skladišča (poglavje 3). Da lahko ETL postopke razvijemo z orodjem Oracle Warehouse Builder, je potrebno dobro poznavanje orodja samega (poglavje 4). Na konkretnem primeru namišljenega podjetja E-trgovina bomo postopke razvili in prikazali, kako se z njimi upravlja (poglavje 5 in 6).

Abstracts

The main focus of the diploma thesis is to develop processes for extracting, transforming and loading data warehouse (ETL processes) by using Oracle Warehouse Builder tool. These processes enable us to transfer data into the data warehouse. In order to do this, we must first know the basics of data warehousing, and various methods on how to build a data warehouse (Chapter 2). It requires the knowledge about the construction of the data model, which is one of the basic building blocks of a data warehouse (Chapter 3). In order to develop ETL processes with Oracle Warehouse Builder tool, we need to have a good understanding of the tool itself (Chapter 4). Using an imaginary company E-trgovina we will develop the processes and show how they are managed (Chapters 5 and 6).

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Ključne besede: Oracle warehouse builder, podatkovno skladišče, podatkovni model, PL/SQL, preslikava, postopek

Keywords: Oracle warehouse builder, data warehouse, data model, PL/SQL, mapping, process flow

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