Universität Zürich[UZH]

Institut für Informatik

vereinbarter Prüfungsstoff:

Computation of element-wise self-multiplication in MonetD.

MonetDB system should be extended with the new operation: element-wise self multiplication.

This task includes the following steps (T is a table which consists only of numeric-domain attributes):

(a) To extend parser with a new command: "SELECT * FROM SCALAR_SQR (T);".

The query returns a table with the same schema as T has, and squared values, approx. 1 week.

(b) To introduce new nodes in existing internal MonetDB structures:

Query tree, relational tree and statement tree, approx. 1 week.

(c) To implement the multiplication functionality, approx. 1 week.