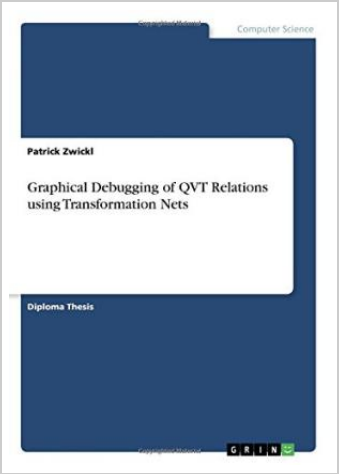

Graphical Debugging of Qvt Relations Using Transformation Nets

By Patrick Zwickl

GRIN Verlag. Paperback. Condition: New. 128 pages. Dimensions: 8.3in. x 5.8in. x 0.3in.Diploma Thesis from the year 2009 in the subject Computer Science - Commercial Information Technology, grade: 1, Vienna University of Technology (Institute of Software Technology and Interactive Systems), language: English, abstract: Model transformations (MT) play a key role in the Model Driven Engineering (MDE) paradigm, leading to the standardization of the QueryViewTransformation (QVT) model transformation language by the Object Management Group (OMG). Until now, however, this language did not attract the same interest as the Unified Modeling Language (UML), because of the lack of adequate debugging facilities which are necessary regarding the following three problem areas: First, declarative languages like QVT Relations (QVT-R) hides the operational semantics of transformations. Only the information provided by the interpreter, as well as the tendered inputs and returned outputs are available for tracking the progress of transformations. Furthermore, the ordering of transformation application is hidden by the MT engines providing only a black-boxes view to the users. This can lead to the problem of impedance mismatches between design and runtime. These characteristics of QVT-R are assets for developing, but are handicaps for debugging. Second, QVT-R code is specified on higher abstraction level...

Reviews

This type of book is everything and taught me to hunting ahead of time and more. It is actually rally interesting throgh looking at time period. You can expect to like just how the article writer write this publication.

-- ***Murphy Price***

Definitely one of the best ebook We have possibly go through. It usually does not charge a lot of. I am just pleased to inform you that this is actually the greatest ebook i have got study in my own lifestyle and may be he greatest publication for actually.

-- ***Ms. Patsy D'Amore III***