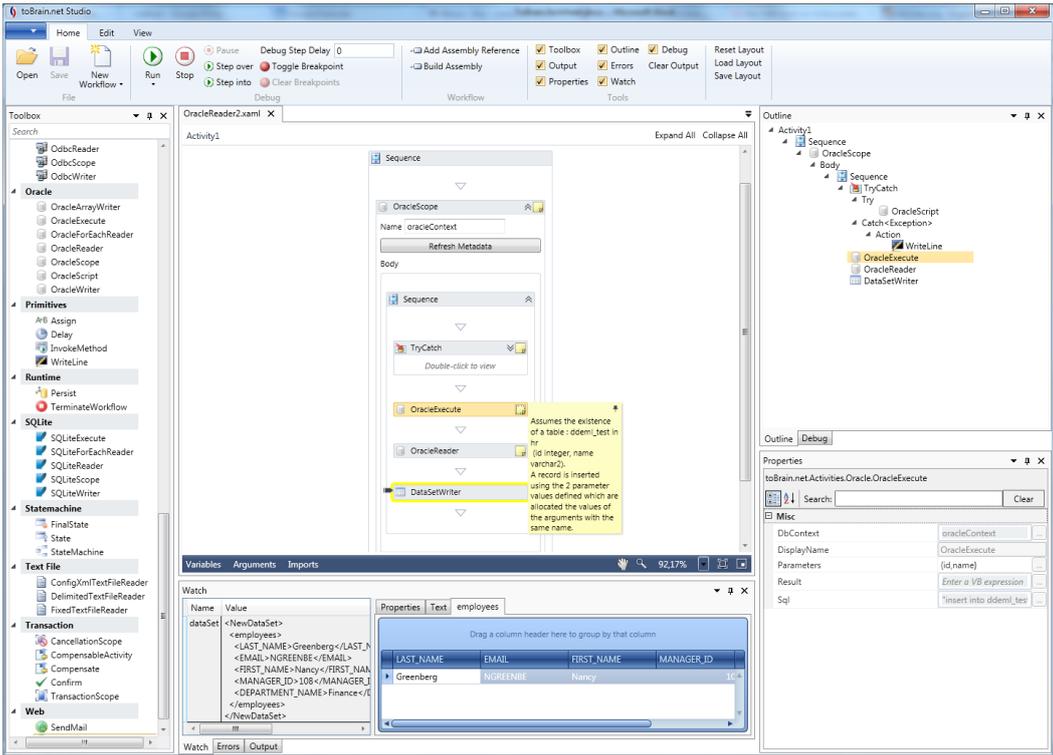


## AN IMPRESSIVE BREAKTHROUGH IN RAPID DEVELOPMENT FOR INTEGRATION SOLUTIONS

Keeping up-to-date with modern technologies while at the same time supporting and integrating legacy applications and systems is only one of the challenges which demand innovative solutions. Because developing time is expensive toBrain().net presents a new practical and efficient architecture which enables the system designer to produce professional integrative solutions in record time. toBrain().net takes care of the programming complexity thus enabling the data specialists to concentrate on the essentials: your business process.

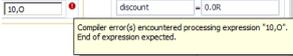


The intelligent desktop shows at a glance the project explorer, the activities and the details of the current workflow process.

## FEATURE HIGHLIGHTS

### Enhanced productivity

The Studio engine has been specifically designed to accelerate productivity. The integrated workflow outline is always available in order to give an overview of the different business processes. Errors are highlighted in a non-disruptive way, always at the earliest possible stage. The user can therefore concentrate on the efficiency of the business data flow and quickly produce valid applications.



### Effective and practical data management

The activities on offer enable easy data handling for the beginner as well as for the professional user. The software architect can concentrate on transferring data from any type of original system to modern databases or web applications. SQL metadata is always on-hand to see the data provided by the sources and intelli-sense suggestions are proposed which offer specific database-related syntax. This enables the user to develop and test queries without leaving the system.

### Data migration

Migrating data from a legacy application is facilitated because all the tasks involved (Extraction, Transformation, Loading) can be managed and defined within the application even if the tasks involve different servers and different platforms. Specially chosen native connectors can access the data without having to involve original client software.

### Time is money

Reduce development and deployment time. Testing workflows can be achieved in record time. You can create and include Unit Tests to ensure that your workflows always deliver correct results. The system helps you at all stages, using design-time validation and showing potential issues early on. This saves time; you do not have to wait for errors to hit you at runtime.

### Bridging the gap

toBrain().net is built on top of the well-established Workflow Foundation WF4.5 from Microsoft®Software and delivers what is missing: Business and project-proofed, powerful activities based on leading and well-tested software components which perfectly fit into the framework.

## INCLUDED WORKFLOW ACTIVITIES

**BASED ON MICROSOFT® WINDOWS WORKFLOW FOUNDATION WF4.5, A WEALTH OF INTELLIGENT ACTIVITIES ARE INCORPORATED TO SIMPLIFY OPERATIONS FOR THE SYSTEM ARCHITECT**

### Databases

The Studio supports a variety of databases. The combination of a judicious project explorer and an intelligent user-interface accelerates the development cycle for both SQL-beginners and SQL-expert users. You can switch every time between an easy to use MS Access like query designer or a fully intelli-prompt enabled SQL editor to develop even the most complex SQL's. toBrain().net supports the following:

**ORACLE:** in order to simplify the connection complexity and improve data-loading performance special utilities are available which enable direct connection or use array-binding.

**MS-SQL Server, MySql, SQLite, any ODBC database**

### Microsoft® Excel

toBrain().net incorporates the judicious use of an advanced Excel report generator engine using templates. Create professional complex Excel master detail reports dynamically, using your data as source.

Reading and writing any kind of Excel format is done without any Microsoft® Office installation, simply using native toBrain().net activities.

### XSLT

Use this activity to transform XML documents into other XML documents, or other objects such as HTML, text files or PDF.

### Text files

Traditionally a great deal information has been stored using a variety of text formats. Processing this information and making it accessible to the next process is done with specific activities:

**XML:** read the contents and store for the next transformation step or write the output to an xml file.

**FixedText/CSV:** reading and writing with high-speed components. Parsing the information even if the record layout varies within the same file or if the records are corrupt.

**XMLReader:** provides fast, non-cached, forward-only access to XML data. As many processes depend on larger and larger XML files, the activity ensures that these are always read correctly.

### Web

Whether you need to access the web to gather information or to create innovative solutions running within your webserver as a service, toBrain().net covers both situations.

Via the **WebToXml** activity you are able to collect all the information you need from webpages. And the other way around: Any workflow created within toBrain().net can be exposed as a SOAP web service within the Microsoft AppFabric.

### File and Folder handling

Create directories, delete, move or convert files. Standard activities can be integrated with a mouse-click.

*In addition to the generic Activities we provide specific ones for:*

### Salesforce.com® cloud CRM

Users of Salesforce can rely on an intelligent architecture and a set of activities which solve the problems of transferring and accessing data stored within the Salesforce.com® cloud CRM.

### SAP®

Traditionally complex data exchanges using SAP® are greatly simplified using the SAP Activity which enables the data transfer to and from SAP® BAPI Services or directly read SAP® tables.

### Microsoft® Dynamics NAV (Navision)

A practical interface enables information to flow between existing system elements and the Microsoft® Dynamic NAV ERP

### Microsoft® CRM

Existing CRM Information can be efficiently integrated.

### Individual user-defined activities

Not enough? Then feel free to create your own activities. Because we use a well-known standard provided by Microsoft® as a base, the API to create activities is open and very well documented. You can even use toBrain().net to assemble given activities together and compile them into a new DLL for reuse.

*Applying the included Activities requires little or no programming knowledge.*

## NEED A SERVER ENGINE? APPFABRIC EXTENDS THE MICROSOFT® IIS

**WITH APPFABRIC YOU ARE PROVIDED WITH ENHANCED HOSTING, MANAGEMENT AND CACHING CAPABILITIES FOR WEBAPPLICATIONS AND MIDDLE-TIER SERVICES.**

*Using AppFabric removes the need to develop a custom hosting infrastructure for deploying, managing and monitoring middle-tier services in productive environments. Rely on the scalable power of Microsoft's® IIS extended by the AppFabric.*

*The success-story of toBrain GmbH based in Freiburg, Germany started in 2009. The founders, Tobias Römer and Rainer Schüler, have been engaged in data management for more than 10 years, mainly in the finance sector.*

*They demonstrated consistently that real quantum jumps can only be realised with fresh, new ideas!*