

DATABASE APPLICATION FRAMEWORK (DAF) .NET DEVELOPMENT PLATFORM for SAGE 500 ERP

Nowadays the technology is evolving very fast and application architecture has to be designed such a way in order to quickly and painlessly adapt to the new technology changes. Our framework for database applications (DAF) has been developed keeping this in mind. It offers rich set of well tested components which can be used by developers to streamline application development process by reducing time spent on low level functionality, to reduce code and concentrate on business logic development at domain level.

The applications based on DAF are flexible, reliable, extensible, robust and cost effective. They are easy to maintain, easy to upgrade, easy to troubleshoot.

Our well trained and professional staff is working hard to improve the framework for integrating new technologies into applications. We are always open to discussions and suggestions to make DAF and DAF based applications competitive in the software market. We do not deliver applications and leave our customers; our support really works and takes care of each request whether it is a bug fixing or a new requirement. We always choose the quality but not the quantity.

DAF BENEFITS

- Reduced development time and cost
- User customizable grids
- User customizable selections/filters
- User customizable application forms
- Based on modern technology and design patterns
- Data Dictionary integration
- Multi-language support
- Multi-database system support
- Multi-UI platform support (Windows Forms, ASP .NET, etc.)
- Transparent data entry process (dirty row indicators, reason listing for display only fields)
- Easy to maintain, easy to control, easy to troubleshoot



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Datasheet Entry .DAF

GENERIC DATA ENTRY APPLICATION FOR SAGE 500 ERP

OVERVIEW

The Datasheet Entry application is a generic data entry program which can be based on any table in the database. It is based on DAF therefore has all the benefits the framework provides. The main grid of the program is customizable, and the rows can be filtered by the customizable selection criteria. Each row data can be modified both directly in the grid and in the detail view screen the controls of which are automatically created. The program can be extended through data dictionary by administrators (without programming knowledge), or programmatically by adding business logic without recompiling the program.

create a new flexible data entry program just in a minute

MAIN GRID

The tabular data from the table is loaded into the main grid. The grid columns can be customized by a Supervisory User without programming knowledge.

- Add, remove and reorder columns.
- Columns from related tables can be added
- Change column header text.
- Set column as display only.
- Set column width.
- Sort by any column.

DETAILS FORM

The current record information can be viewed or changed in the Details Form.

- Contains a main Tab view which is customizable. Allows adding unlimited number of tabs, consequently adding fields in each tab.
- Does not load data from the database for the tabs User is not watching (Lazy Loading).
- Shown as non-modal, refreshes when current record is changing in the Main Grid
- Automatically a context menu is provided for a field which is representing an entity such as Customer, Item, etc.

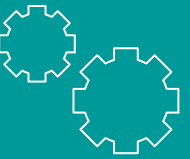
SELECTION/FILTER

Data can be restricted by a selection/filer which is also customizable.

- Add, remove and reorder fields.
- Change selection field caption.

FEATURES

- Support for company specific custom fields: custom fields can be added to the Main Grid, Details Form and Selection/Filter.
- Automatic data validation: min/max values, text input max length, required field, etc.
- Automatic concurrency checking for updates if the table has a column named UpdateCounter.
- Dirty state indicators: each modified/added row is indicated, Save button is enabled when there is something to save in the database.
- Display Only mode support for users having Display Only rights to the task.
- Lazy Loading: data is not loaded from the database if User does not need it, thus reducing database overburden.



CUSTOMIZATIONS

Customizations do not require any programming knowledge and can be implemented by a User with Supervisory rights for the task. When adding columns, the data dictionary information is used to generate right column type or control.



MULTI-UI SYSTEM SUPPORT

Any application based on DAF is designed as UI platform independent. So the web version of the same windows desktop application can be developed with implementing only the UI design.



COST EFFECTIVE

Application development with DAF made so simple that many changes and modifications do not require programming knowledge at all. As DAF is based on .NET framework, which is popular, it is easy to find skilled developers with corresponding knowledge.