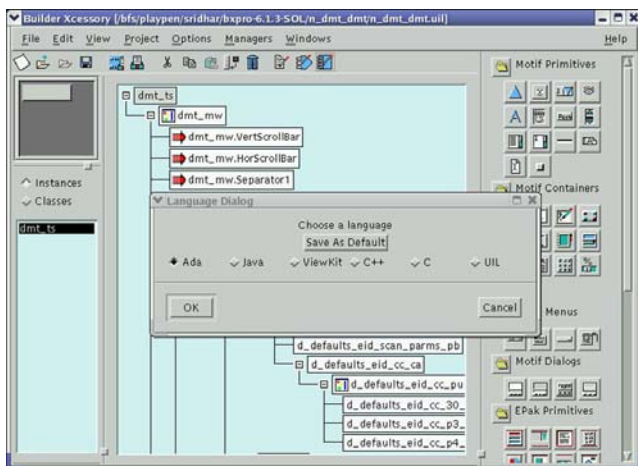# BX/ADA

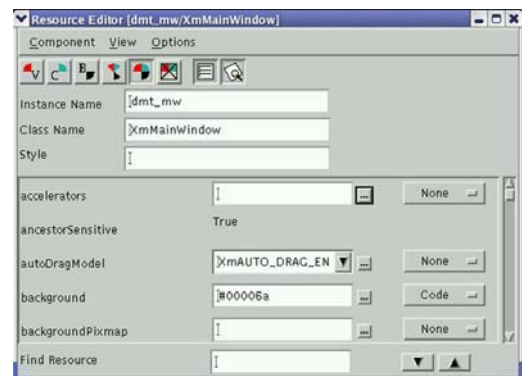## The Quickest Way to Develop Quality User Interfaces for Ada

Builder Xcessory PRO™, the industry's most popular Motif GUI builder, accelerates the development of graphical user interfaces for Ada applications too!

Key Features

- **Visual interface** accelerates and simplifies your GUI development

- **Generates clean, readable, and portable Ada code** at the push of a button

- **Includes Motif/Ada bindings** supplying everything you need to build user interfaces for Ada applications

- **On-the-fly subclassing** makes creation of reusable components quick and simple

- **Styles** provide a mechanism to define, enforce, and implement a consistent corporate look-and-feel

- **Changes to generated code are preserved,** facilitating support of special application requirements

- **Extensive support for open source development tools** such as GNAT, Autoconf, CVS, and Nedit to speed your development without purchasing proprietary tools

- **Full support for localization and internationalization** makes your application ready for worldwide deployment

- **Dynamic integration of third party widgets** provides an extensible environment that smoothly integrates with your development environment for maximum productivity

- **Includes bindings for 15 add-on Motif widgets** that will help you deliver world-class user interfaces for your applications

- **Based on BX PRO,** granting you the flexibility to code in Ada or C/C++

Motif user interfaces are visually created by dragging-and-dropping objects off a palette. When designing your user interface, simply select Ada code generation and link the generated Ada code with your application.

The Resource Editor is used to tailor Motif widgets and define labels, background colors, and more.

BX/ADA

The Quickest Way to Develop Quality User Interfaces for Ada

Shorten Development Cycles/Increases Reliability for Ada Applications

Builder Xcessory PRO (BX PRO) simplifies the tasks of creating, altering, and maintaining Motif graphical user interfaces (GUIs), thereby speeding development and reducing costs. Developers work with a palette of user interface objects that can be selected, positioned, and combined to create the front-end of an application. Attribute or resource editors provide detailed control of the display and function of these objects. When the user interface looks correct in the WYSIWYG (what-you-see-is-what-you-get) development environment provided by BX PRO, a single menu selection generates error-free Ada code. With up to 50% of a typical application being related to the user interface, the generation of an error-free GUI combined with the productivity of WYSIWYG development slashes the development cycle while increasing overall application reliability.

BX/Ada augments ICS's industry leading GUI builder with the ability to natively generate Ada code. A set of Motif/Ada bindings that conforms to the STARS binding specification is included with BX/Ada, providing a complete solution for your Ada GUI development needs.

Based on BX PRO

BX/Ada is an add-on to ICS's flagship GUI builder, BX PRO for Motif. This provides you with the flexibility to use one tool for both your Ada and C/C++ development efforts. In addition to ICS's award winning BX GUI builder, BX PRO includes:

- ViewKit— A C++ application framework for developing Motif applications
- EnhancementPak (EPak)— A set of over 30 advanced GUI controls combined with business graphics

Binding Source Code for Add-on Widgets

BX/Ada includes source code for Ada bindings to 15 key widgets in ICS's EPak product. These bindings easily allow you to add common user interface controls such as trees, combination boxes, toolbars, extended lists, and more. You can use this source code as an example to add additional bindings to internally developed widgets or widgets you have purchased from third parties.

Supported Platforms

BX/Ada supports the Rational, GNAT, and GNAT Pro Ada compilers on Linux and UNIX workstations from Sun, HP, and IBM. Motif/Ada bindings based on software originally developed by SERC are included with BX/Ada. If you already have your own bindings, BX/Ada can be tailored to the API of your Motif/Ada bindings by ICS's Professional Services group.

Motif Training and Professional Services

ICS provides a full spectrum of training courses on the Motif toolkit.

ICS also has an extensive Professional Services practice including:

- Custom widget development
- User interface and custom application development
- Migration assessment
- Application performance reviews

MotifZone.org

To support our development community, ICS maintains the MotifZone.org where you can find the largest collection of Motif news, tutorials, FAQs, and software links available. Motif experts, worldwide and from ICS, monitor the community bulletin boards. Post a question at any time day or night and you will be surprised at the speed with which you will get a helpful answer.