



HIERARCHICAL TREE BASED MENU CASE STUDY

CHALLENGE

The client is a leading provider of a wide range of business management applications and services to small and medium based businesses (SMB's). The client supports more than 2.8 million customers in the U.S & Canada with application covering a full range of business requirements including accounting, customer relationship management, contact management, warehouse management, specialized industry needs among many others.

Defining a similar user interface (desktop) across different product lines ensures ease of use for the end user. Designing customizable menus increases the user friendliness. Our client wanted us to develop a hierarchical tree based menu system that would be loaded in a separate window, with the ability to dock and be customizable. The business challenge was loading applications on the fly when the end user chooses a menu item without compromising on performance.

SOLUTION

CI's team did a requirement study and converted each of the menu options with the details of functionality that needs to be executed when an option is selected into a table. This provided the end user access to entire menu system without choosing any application's menu option. This also provided provision to add user defined menu options in the tree view. The development challenge that we faced was the tree view control does not have any inherent facility to provide a visual cue while disabling a node or menu item. Painting the tree was a resource intensive process and care had to be taken to ensure that there was minimum repainting of the tree.



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TECHNOLOGY

Client's product framework

ABOUT CI

CI is a global product development services organization and a partner to established technology leaders, helping them bring software products to market in less time and at reduced operating costs. CI partners with clients to create dedicated delivery centre's.

CI has been able to continuously maintain partnership with clients for almost 10 years through a compelling combination of proven methodologies, expert developers, high standards of quality and commitment.

CI provides complete product lifecycle services from new product development to product re-engineering, support and migration. CI has worked with over 200 clients over the past 11 years.

CI's product development teams are spread across our Global Delivery Centres in Chennai, India and offices in the United States. The software professionals serve as virtual extensions of our client's local development teams. By leveraging the capabilities, a partnership with CI has proven to increase product quality while reducing the time to market and operating costs by 50%.