MIMOS Dynamic Visual Explorer (Mi-HELIO Helivex)

With trends moving towards small screen devices, the needs of encapsulating modules of larger systems into mini applications is ever growing. MIMOS Mi-HELIO Helivex is a solution under Mi-HELIO (enterprise application solutions platform) series that provides a framework for developers to rapidly create and publish visually attractive, easy to use and feature-rich mini applications.

Overview

MIMOS Mi-HELIO Helivex enables a user-facing solution using Rich Internet Application (RIA) for web application and Smart Client for desktop application. Enterprise developers can utilise this easy-to-learn framework to create and publish mini applications. This provides leverage to enterprises to solve the rapid evolution of applications, reports, workflows and operation-related systems which results in appealing and meaningful ways for end users to view and manipulate information from multiple sources on a single interaction point.

Features

Mi-HELIO Helivex comprises the following features:

- **Complete Widget-Based Application Ecosystem**

    Mi-HELIO Helivex offers a complete ecosystem for development, deployment and administration of widgets as well as attractive widget interaction facility for end users.

- **Modular Architecture**

    Its modular architecture provides separation between domain expert and end user environments hence enabling functional developmental approach.

- **Intuitive and Appealing Interaction**

    Interactions such as drag-and-drop, resizable windows, auto-docking and layout with clear spaces are used for widget gallery, workspace and notifications altogether in a customisable interface.

- **Development Leverage**

    Well known programming languages such as HTML, CSS and JavaScript (for web version) and WPF and C Sharp (for desktop version) are utilised for widget development.

Technology Benefits

The main impacts of Mi-HELIO Helivex are:

- **Wide Accessibility**

    Web version based solutions can be seamlessly accessed via desktop computers, tablets and smart devices.

- **Harnessing Desktop Processing Power**

    The desktop version provides impressive data visualisation experience and greater performance on data manipulation by utilising processing power of user's machine.

- **Easy Adoption**

    Use of standard web-based and Microsoft technologies enable easy adoption and further implementation of solutions using this framework.

- **Lower Cost of Maintenance**

    A systematic method in managing widgets and a modular architecture for widget and framework environments lower the cost in system deployment, scale up and problem debugging.

Technology Summary

Mi-HELIO Helivex

A platform to rapidly create and publish mini applications that provides leverage to enterprises on rapid evolution of applications, reports, workflows and operation-related systems.

Industries: Government, Healthcare, Education, Enterprise

Features
- Complete widget-based application ecosystem
- Modular architecture
- Intuitive and appealing interaction
- Development leverage

Technology Benefits
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- Easy adoption
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MIMOS Mi-HELIO Helivex interface

System Requirements

Mi-HELIO Helivex	
Desktop Version (formerly MIMOS EKMS)	
Hardware Requirements	Client: 2GHz processor, 2GB memory, 1.5GB storage
	Server: 3.2GHz processor, 4GB memory, 5GB storage
Software Requirements	Client: Windows Vista (SP1, 32-bit), Windows 7 (32-bit), Microsoft .NET Framework 4
	Server: Windows Server 2008 EE (SP2), Microsoft .NET Framework 4, IIS Server 6.0 and above
Web Version	
Hardware Requirements	Application/Database Server: Dual-core processor 3.2GHz, 8GB memory, 40GB storage
	Connectivity: Broadband Internet access
Software Requirements	Browser: Google Chrome
	Application/Database Server: CentOS 6.2 and above, Apache Tomcat 7 with Java™ SE & EE, Node.js, MySQL 5.5

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