

Niakwa offers a host of development tools which provide a variety of software expanding and enhancing options for use with the Niakwa Programming Language (NPL). The list of tools includes:

- **Niakwa Data Manager (NDM)**
For data management.
- **Intelligent Query (IQ)**
For report and query generation.
- **NPL Gateway to MS-Windows API**
For screen management.
- **Niakwa Library Program**
For a variety of program enhancements.

Introduction

The Niakwa Development Tools offer a well rounded, robust development environment with which developers can build highly competitive, highly powerful applications.

Each individual product offers benefits that will improve the performance, flexibility, and look of software applications.



Niakwa Data Manager

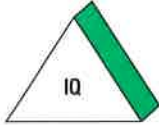
NDM is an application program interface (API) developed by Niakwa to provide a consistent, fully portable interface to commonly used industry standard access method (ISAM) products; such as, Informix's C-ISAM, Btrieve Technologies' Btrieve, and IBM's OS/400.

By providing data independence (files stored in a non-proprietary format), NPL applications can share files with and be enhanced by popular third-party products; such as, Informix, IQ, SQL, Xtrieve, etc.

NDM supports extended platform specific features and native field types which provide even greater programming power.

In addition, NDM provides Data Dictionary support which allows for the efficient cataloging and tracking of data files, formats, and file indices.

Most importantly, NDM improves performance and productivity by enabling developers to off-load ISAM maintenance and development to the Data Manager.



Intelligent Query

Used in conjunction with NDM, IQ, by IQ Software, offers simple, English-like access to NPL data files - without the time and expense of special programming. IQ enables end users to present NPL application data in four ways:

- Preformatted reports, queries, and labels
- Custom reports, queries, and labels
- XY-graphs or histograms for visual interpretation
- Data export capabilities to other programs (i.e., Lotus 1-2-3 and dBase)

IQ also enables end users to merge NPL application data with other file types; such as, standard ASCII, Lotus 1-2-3, or dBase files to generate additional information. In short, IQ enhances NPL applications by giving end users new and more effective ways of retrieving, viewing, and analyzing information.

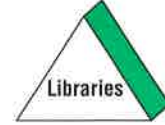


Screen Manager

The Niakwa Screen Manager consists of the NPL Gateway to MS-Windows API. This library class product provides convenient screen management features; such as, pull down menus, push buttons, dialog boxes, etc.

Nearly 100% compatible with the native C API, the NPL Gateway to MS-Windows API allows your applications to fully utilize all MS-Windows API capabilities. The Gateway product consists of:

- **A Dynamic Link Library (DLL)** using a generic interface to access the MS-Windows API (third-party DLLs can also be accessed).
- **An NPL Library (module)** providing a link between NPL and the DLL.



Niakwa Library Program

The Niakwa Library Program, while not technically a development tool in and of itself, provides a collection of Niakwa and third-party created library products. Included in the collection are a variety of NPL, C, and MS-Windows DLL routines.

These routines can be incorporated into new or existing applications to provide added functionality and access to other third-party products.

The library program provides access to a world of software options and technology previously not available to many developers. These developers are sure to appreciate the benefits of library use - an increase in the longevity and flexibility of their application software.