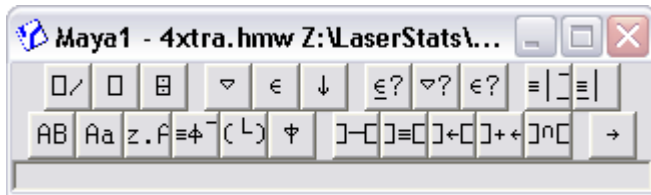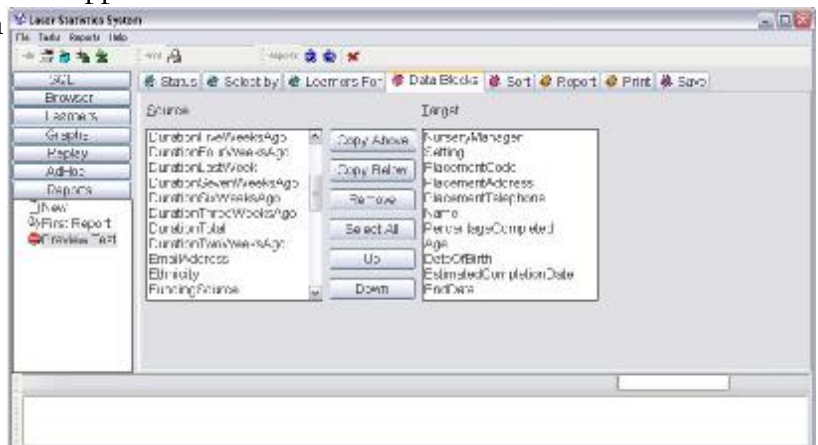# APL Development Suite

Our suite of tools and utilities is designed to provide a framework for Agile APL projects. They enable the developers to concentrate on delivering a solution to the clients' problems, not re-establishing basic facilities with every system. They can be used independently, but together build into a powerful and flexible development environment.

- **Maya:** Code file manager provides multiple windows with point-and-edit on functions, operators, dynamic functions and variables (up to 3D).Powerful search facilities enable the files to be sorted and filtered. Files can be linked for object transfer or comparison. Grouping facilities enable get/put on a number of objects simultaneously and the system is aware of Dyalog namespaces and can generate a namespace structure automatically when fetching APL objects into the workspace..

- **Inca** : Change control and configuration management, designed to work with Maya, but capable of interfacing with other systems. It manages a series of code files, representing all levels necessary for a system, e.g.: development; integration; user testing; live . Different users have permission to different levels: so a developer could push a change forward and the tester accept it when he/she is ready. Once tested it can be either rejected back for further change or promoted to the next level. It also builds all required workspaces One Inca installation can manage several sets of code files, or one code file can generate more than one application.

- **Olmec:** An easy to use application skeleton. Using text based control files, a developer can structure a set of menus, tool bars, navigation buttons, help windows and status fields for an application. Further tools provide a means of rapidly generating the GUI for a system. A simple protocol provides links to application specific code.

- **Aztec** : Task control system, capable of scheduling batch and real-time tasks over one or more networked PCs. Actions can be set to events (specific times, arrival of data files, etc.). Full task sequencing, concurrency and dependency can easily be configured. Other features include automatic check-point restarting, real-time backups of on-line data, etc.

- **Nazca** :Generalized database table editor. All data is maintained in simple standard files using an XML compliant format. New tables can be defined directly or files can be imported, recognised and maintained automatically..

Supported APLs

The latest version of this suite is designed to work with Dyalog versions 9 to 12. However, it was originally developed for APL*Plus systems and can be adapted to work with most interpreters, if so required.

4XTRA

Hamilton House
1 Temple Avenue
London
EC4Y 0HA

Phone: +44-(0)-845-330-4943
Fax : +44-(0)-845-330-4944

Email: info@4xtra.com
URL: http://www.4xtra.com