



## **AO Foundation - Release Notice (V5R1M0)**

### **User Interface**

- Enhancement of the User Interface has continued in this release along the same lines as explained in the notices of previous releases. Refer to notices from V4R3M0 onwards.
- In this release significant amounts of additional cursor sensitive help text have been added to the interface as well as the AO-Wiki;  
[http://wiki.tembotechlab.com/AOWiki/index.php?title=Main\\_Page](http://wiki.tembotechlab.com/AOWiki/index.php?title=Main_Page)
- A number of additional menus, especially throughout the "Workbench" and the "Dictionary" have been brought in line with the enhanced user interface operational paradigm, details of which may be found by following this link;  
<http://wiki.tembotechlab.com/AOWiki/index.php?title=AO%3AConventions>
- Access to AO has been changed from an initial menu called by using the "GO AO" menu command to a command (AO) which displays the initial menu as a panel. The first and all second level menus have been combined into the single AO menu and have included clickable selection as defined by the new interface conventions as explained by the above link. This has significantly reduced the steps needed to drill in to the required function.

### **AO Work Bench**

- From V5R0M2;  
"In this release the exit from the objects menu will cause the entry in the schema objects list to change to "blue" to indicate that a change has been made and the object requires recreation."
- An enhancement has been added, when exiting from the object menu in the workbench. Any component of the file which does not effect the level Id. will automatically be added, changed or removed from the file by the workbench manager at the time of exit. This includes such components as triggers, constraints, keys, authorities, journaling, etc.
- Files will therefore only need to be recreated at the \*DEV level if a change occurs in the level id.
- A new option (Cross-Check) has been added to the workbench file object menu to allow the user to instantly check the AO Meta-Data against the structural definition of the underlying file object. This is very helpful in identifying differences between the two sources of data and makes it easier to provide correct definitions.

### **Data Dictionary**

- The beta version of the dictionary prefix/suffix analyzer has been included into the Dictionary Manager functionality. This feature helps to analyze data elements which have been prefixed or suffixed and to generate new dictionary elements from them

### **Message Manager (New)**

- IBM i (and it's predecessors) have always supported pre-defined messages stored in message files (\*MSGF) for use by application developers. These message files allow messages to be defined and used in a number of ways to provide information to users through the interface.

The maintenance of these message files (\*MSGF) have always been a bit difficult usually resulting in many duplicate messages.

- AO has now introduced the "Message Manager" which allows for the import of an existing message file and, from there the ongoing maintenance of this file. Filter capabilities and text sequencing capabilities make it much easier to manage and search for messages and avoid duplicates.



## **General**

- A considerable effort has been applied to the consolidation of code within the AO product to ensure greater agility and flexibility in bringing new requirements and corrections to production.
- Several bugs and other problems, primarily in the user interface have been corrected.

## **Adsero Optima Open (New)**

AO Open (AOO) Is an add-on component to the AO Foundation product, licensed from the Relational Data Corporation, which provides a NATIVE IBM i based environment for delivery of a rich graphical user interface for access from any device, anywhere, at any time.

AOO delivers a native device-agnostic user interface (also known as “delivery channel”) with dynamic, adaptive multi-channel user interface rendering, into a central Portal. This enables easy support of rich, thin (or fat) user interfaces on mobile devices, browsers and potentially any future disruptive technology. Developers can then rapidly (but gradually) convert entire green screen applications for improved end user productivity, focusing on maximum ROI achievement.

The “AOO OnePoint Portal” is a framework for user authentication and access to all of your web-based applications.

We believe you will be impressed by the speed, ease of use, power, functionality, and scalability of the portal and the applications that we deploy within it. Perhaps more importantly, we hope that we can provide you with something that fits your goals as an organization and gives you a solid return on investment.

Often the question comes: “Is this really running on an IBM Power System?” We assure you that it is – we pride ourselves on streamlined programs. Your IBM server is already a great value, and we will help you get even more out of it. Some of the other characteristics you will find in “AOO OnePoint Portal” include:

- Single point authentication
- Browser based run-time environment
- Intuitive Navigation and Menus
- Finite and granular Administration Control
- Integrated, centralized application deployment
- Built-in functionality – the portal uses a centralized architecture to define and store the common data used by all of our applications

Currently this feature is available as a separately downloadable zipped save file. The file and instructions for download and installation are available on the "downloads" tab on the AO website, [www.adsero-optima.com](http://www.adsero-optima.com).

## **AO Open Source Project (New)**

- TEMBO Technology Lab (Pty) Ltd has decided to support the Open Source Initiative (OSI) by providing procedures, service programs, programs and various other component templates in line with TEMBO’s modernization philosophy and roadmap.
- These open source components will be included in all AO releases from this one (V5R1M0) onwards, and provided in the AO\_OSP schema, under the MIT License (MIT).
- Any new or changed components of AO\_OSP released with AO Foundation will be documented in the release notice for each new release. This release contains version 1.0 of AO\_OSP.
- Always move the contents of the AO\_OSP schema to another, unrelated schema of your own making. New versions of the open source code (AO\_OSP), included in future releases of AO



Foundation will always contain a full set of open source components which will include any additions or modifications as well as all unchanged components.

- The first open source code, to be released in V5R1M0 is the components for a \*SRVPGM which provides 14 different procedures to manipulate and handle messages as may be required by application programs.
- All source components are available in the "SRC" file contained in the AO\_OSP schema.
- A document, entitled "Modernized RPG IV for ILE Application Code - Error Handling Services" is available in the downloads tab of the AO Website ([www.adsero-optima.com](http://www.adsero-optima.com)) and provides full documentation for the open source provided.