AO Foundation - Release Notice (V5R4M0)

*** IMPORTANT NOTICE ***

Please note that this release no longer supports V6.1 or V7.1 of the IBM i operating system but only supports V7.2 and up.

AO Foundation (V5R2M1) is the last AO release supporting IBM i V7.1 and V6.1.

Reclaim Your Heritage. Unleash Your Data Value.

➢ **Enhancement to File and Format Definitions**

The functions that allow for the maintenance of the file, format, and column definitions have been significantly enhanced, as follows;

1. An option to change the System Name, Alternate Name and Description of all types of physical and logical file constructs has been added to the "File" menu in the Database Workbench (DBW).

   This option first confirms that whichever new names have been requested conform to the operating systems requirements. All AO metadata across all related and dependent components and constructs are changed to match the requested changes.

   All components are put through an imitation dummy compile on exit from the rename function to ensure completeness. Any inconsistencies found are reported, so they may be reviewed and corrected before a final re-create is attempted.

2. The "Work with Columns" panel (WBM001C_W) of the physical file and table column maintenance has been enhanced to allow for the renaming of data elements (fields) in the record format.

   When one or more field names are changed in a physical file or Table, and the F3=Save/Exit function key is pressed"", all references to the "Old" field name in the AO metadata are scanned and altered accordingly to reflect the "New" name.

   On F3=Save+Exit from the format panel (WBM001_FMT), the changed physical file/table and all the changed logicals are pre-compiled to ensure no anomalies remain. Constraints, Joins, and Select/Omits are also checked to ensure consistency.

   The "Work with Columns" also now contains an additional "Action" button to indicate and connect to the new "Text Annotation" function below.

3. Upon successfully creating the new Table in the Database Workbench (DBW), a function has been added to automatically migrate all data from the old PF to the new Table.

   This includes recasting any data where the field attributes have changed; for instance, an old-style numeric date field was changed to a new *ISO type date field.

4. The SQL DML created to achieve the preceding result in 3 is parsed and saved in source members for re-use and optional customization by client development staff. Client staff can use this DML to facilitate a smooth conversion process when the new database components are moved into testing and then into production.

5. Significant enhancements have been introduced to assist with the harvesting of S2E or CA2E application definitions and removing all illegible naming, all in preparation for the companion AO release, which will be announced at the time intERPrise will be placed in the public domain.

The harvesting of S2E application definitions for all software constructs of value renders an entirely new, modern, modular application that leverages the native IBM i functionality to the fullest extent. It delivers an application that current developers can easily maintain, using the latest software development techniques.

➢ **Dictionary Maintenance**

The "Work with Elements" panel (AOF310) has been enhanced for additional usability, and an extra "Action" button (T) has been added to interact with the new "Text Annotation" function below.

➢ **Addition of a Text Annotation Function**

This new function provides a 2 part interface to allow for the additional annotation of data elements within the dictionary, allowing for more description of the element's purpose than that available in the 50 character text description.

Additional annotation is restricted to "Master" or "Dependant" elements only.

Each "Master" or "Dependant" element is provided with one additional annotation item. This dictionary annotation appears in the top section of the maintenance panel but can only be created or maintained if entered from the Dictionary Maintenance function.

The second part of the panel contains a list of all files and the first line of text for all files with additional file-specific annotations added.

These annotations can only be maintained by entering the panel from the "Work with Columns" panel of the specific file for which the annotation was created.

This interface is provided with full cursor sensitive help text throughout.

➢ **Advanced Interface Functions**

This advanced interface will be gradually introduced to all the remaining AO Foundation functions as changes or enhancements are released in the future.

To understand and to make the best use of this new mouse/cursor sensitive interface, refer to the following link for assistance in configuring your client.

https://wiki.tembotechlab.com/AO/AO:Conventions

https://static.tembotechlab.com/file/tembo-assets/AO_-_Configuring_ACS_for_Point_and_Click.mp4