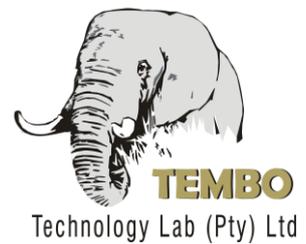




AO Foundation - Release Notice (V5R2M1)



This release is adding significant new functions and foundational components to considerably reduce the management burden of application components during the modernization and metadata cleansing process.

AO Foundation delivers a central database component management platform, including a metadata repository {aka data dictionary}, all tables {aka physical files}, the complete logical layer {aka logical files, indexes, views}, constraints, triggers, IO Servers and Enterprise Services – bringing all the elements of the database together much as source control does with application code. AO enables a genuine data-centric, modern DB2 implementation that is self-aware and self-enforcing. AO Foundation helps companies maintain the integrity of their data and fosters a culture of continuous improvement.

Reclaim Your Heritage. Unleash Your Data Value.

➤ **Source Creation to Non-Default Locations**

In cases where source was created into a non-default location the DDS and DDL source locations were swapped when the source was created and therefore caused the object re-create to fail. This has now been corrected.

➤ **Validation Rules Repository**

The previously released (“Dictionary” Rules Interface) of the Validation Rules Repository (VRR), has been updated and expanded to combine the “Dictionary” and “Field/File” rules interfaces into a single maintenance panel allowing the user to view both of the above types of validation rules for the VRR in one location.

Although all “Dictionary” and “Field/File” rules will be visible in this interface, changes and insertions are only allowed depending on the entry point, as follows;

- From the ‘Validation Rules’ option of a selected dictionary master element.
- Click+Enter on the new ‘Rules’ column of an entry in the ‘Work with Columns’ panel.

The next AO Release will allow for custom built validation procedures to be accommodated in the VRR and will be imported and managed from the combined interface described above.

Subsequent releases will be adding parsers to convert the defined validation rules (VRR’s) into RPG IV procedure source code and then allow all 3 types (Dictionary, Field/File and Custom) to be compiled and bound into Service Programs.

The next phase will be to add a trigger program builder which will combine all three of the VRR types, defined for a file, into a *BEFORE trigger program and create AO trigger definitions to allow it to be attached to the appropriate events of the selected file.

The documentation for the “**AO Dictionary**” functionality can be found at;

https://wiki.tembotechlab.com/AO/AO_Dictionary#Dictionary_Setup.

➤ **Registry Manager**

This registry manager has now been added to AO to be used as an umbrella grouping for the storage of metadata for various different objects for use within the AO environment and functions.

➤ **Service Programs**

The first item added to the 'Registry Manager' is in this release and is the 'Service Program Register' which provides for the storage of all metadata relating to service programs.

This release provides interfaces for the storage of module and procedure metadata making up each service program.

Subsequent releases will add the metadata for procedure parameters and return values for functions completing the metadata requirement for service programs.

In addition an 'Importer' will be added to retrieve all the metadata for existing service programs from AO registered schema's, avoiding the necessity of typing it into the registry manually.

The final component to be added to the Service Program Registry will be the 'Builder' which will use the registered metadata to compile and create the selected service programs.

➤ **Other Issues**

Errors in the cross-checking functions (both schema and file) have been traced and corrected.