

IS_ROLLBACK and IS_RETRY Functions

When a profile completes the data file is moved from FilesToProcess to Processed, there is a dialog under Run Profiles that show completed runs, it is possible to select a range of these and "re-run them" (the process will move the data files back from Processed to FilesToProcess, and reset the Task Queue), to indicate to the alcode that this is a [potential] rollback the system function `is_rollback()` will return true, allowing the profile to either refuse action or clean and prepare for another run.

In a similar way, a profile that fails moves the data file from FilesToProcess to FailedToProcess, each profile checks its task queue and FailedToProcess directory and provides an icon in the tab Run Profiles. This dialog under that icon will allow for profiles to be rerun. The system function `is_retry()` will return true if this run is a retry allowing for the profile to either refuse the action or clean and prepare for another run.

This code fragment is worth putting into all profile code at the start:

```
// Set up initial params for this profile
console($my_param_profile);
$use_db_connect DEFAULT "ICE_DWH";
$use_db_table DEFAULT "[alcw].[dbo].[DWH_Bank_Tbl]";
// Check that this is not a rollback, if so then decide if this profile
// can be rolled back by this method
if is_rollback() is true begin
    console("Rollback requested for "+running_process()+" but not suitable
for this profile");
    exit false;
end
// Check if this is a rerun on a previous failure, then decide if it is
// appropriate for this profile
if is_retry() is true begin
    console("A retry has been requested for "+running_process()+" but not
suitable for this profile");
    exit false;
end
```