



TWS/BatchCP™

Automation for TWS Plans

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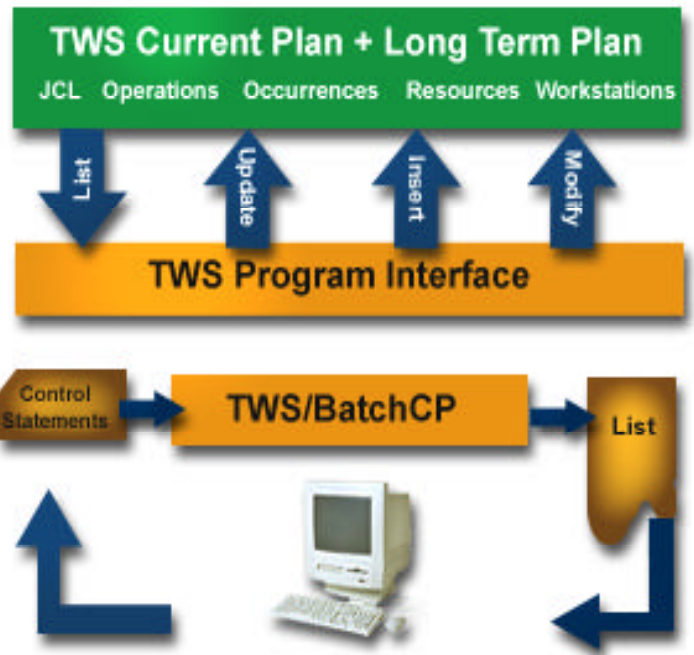
Any TWS Administrator, who has tried to carry out mass updates to a TWS Current Plan using only the standard TWS dialog, will be able to confirm that the interface was really not designed to do this easily, quickly and efficiently. Errors can inadvertently be introduced and the task is a tedious one.

TWS/BatchCP is an easy-to-use and valuable add-on to TWS z/OS, which allows for mass changes, "cloning" or maintenance to be made to the Current Plan and Long Term Plan in a batch mode. It is designed to help you in the automation of your production planning and control.

This simple and inexpensive utility provides a method of altering multiple Occurrences, Operations, Special Resources, Workstations, External and Internal Dependencies in a single, time-saving step.

TWS/Batch CP is extremely useful for test purposes and increases the productivity by assisting in repetitive tasks. Avoid manual, error-prone input in the TWS dialog.

Set date fields (Input Arrival Date of Predecessors, Occurrences, Deadlines) to any date in the future. Generate JCL for any date in the future. Simulate TWS Variable Substitution.



The time taken to react to changes is reduced to a minimum. Users don't need any programming knowledge. TWS/BatchCP uses easy-to-understand control statements.

Easy to install and use, TWS/BatchCP can be integrated into REXX, CLISTS or dialog programs for customized solutions.

Areas of Application

Anyone who works with TWS z/OS and has a requirement to make mass changes to the Current Plan and Long Term Plan will find benefit in this product:

- ▶ Production planning and control
- ▶ Project groups (consolidations, mergers, migrations)
- ▶ Test groups
- ▶ Automation

Data Sources

TWS/BatchCP modifies the TWS Current Plan and Long Term Plan. All objects can be listed, updated, inserted or deleted:

- ▶ Applications (Occurrences)
- ▶ Operations
- ▶ Dependencies
- ▶ Special Resources
- ▶ Workstations
- ▶ JCL (JS File)

Technical Description

TWS/BatchCP modifies the TWS Current Plan and Long Term Plan by using the TWS Program Interface (PIF)

- ▶ Any TWS/BatchCP action can be planned into the Current Plan for recurring tasks.
- ▶ TWS/BatchCP can be integrated into REXX or CLIST functions.
- ▶ All input is validated by TWS - just like it is when using the TWS dialog.

Some Examples of Use

- ▶ Find out which Operations are waiting for a Special Resource; or which Operations have been active for more than an hour.
- ▶ At the end of the year, all Operations XYZ* should be planned with one tape unit instead of three.
- ▶ All Operations of Applications XXX12345 should have a Special Resource A.B.C.
- ▶ All Operations with OWNERID A* should be deleted. The correct predecessor chain should be maintained.
- ▶ All Timejobs with a Starttime between 09:00 and 10:00 should have a new starttime of 11:00.
- ▶ All Operations with Jobname AB*300 should be set to MANUAL HOLD.
- ▶ All Applications A*, which are not complete, should be set to COMPLETE.
- ▶ At the end of the month, the Job BOOK should become an additional dependency to the Jobs CORREX and BILATIS.
- ▶ A certain job should run every 10 minutes. With TWS/BatchCP, recurring jobs are simple to implement - unlike TWS.)
- ▶ The JCL for a certain day in the future should be created by resolving all TWS Variables. The resulting output JCL should be sorted by Planned Starttime. (This creates the perfect input for any type of JCL check program.)

When used in conjunction with TWS/Audit (separate product), the option to "roll back" any changes made, is also available. Thus, dramatic changes to the database can be made and, if necessary, reversed again - in a controlled manner.