Why Use a D365 Batch Job

- **Processes Run In the Background**

- **Can run on recurrence**

- **Why wait when you don't have to?**

Example Batch Job

- **Demo Sales Order Invoice Batch Job**
  - Batch Jobs Can Be Run in the Browser
  - Or by the Batch Service in the background.

Processes That Can Run In Batch

- **There are many processes that can run in batch**
  - https://kurthatlevik.com/2020/01/20/batch-jobs-take-control-of-the-executions/

- **Are there processes you could be running in batch?**

- **Are there processes you should customize to be Batch Jobs?**
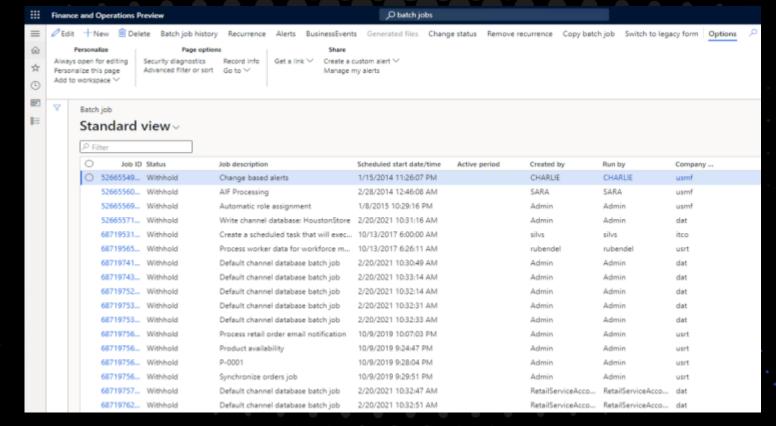
Create A D365 Batch Job

- **There are two ways of developing Batch Jobs in D365 F&O**
  - RunBaseBatch https://dynamics365musings.com/d365-batch-job/
  - SysOperationFramework https://dynamics365musings.com/sysoperation-framework-in-d365/
  - The preferred method is now SysOperationFramework

How To Manage Batch Jobs
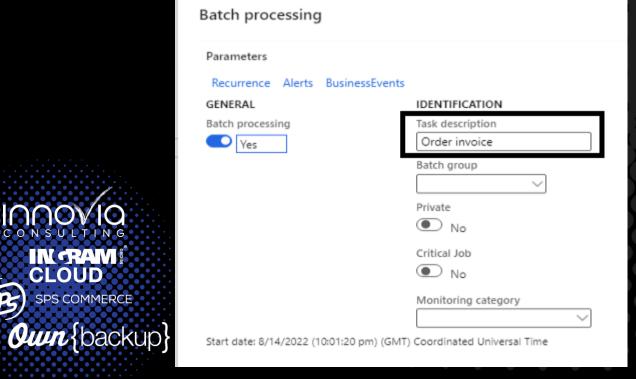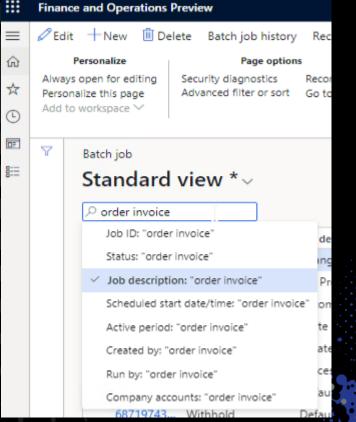
- **System administration>Inquires>Batch Jobs**

How To Find An Existing Batch Job

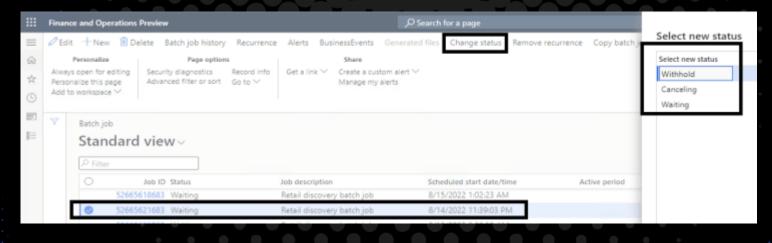- **Use the Task Description and Job Description**

Batch Job Status

- **Waiting**
- **Executing**
- **Ended**
- **Error**
- **Cancelling**

Change A Batch Job Status

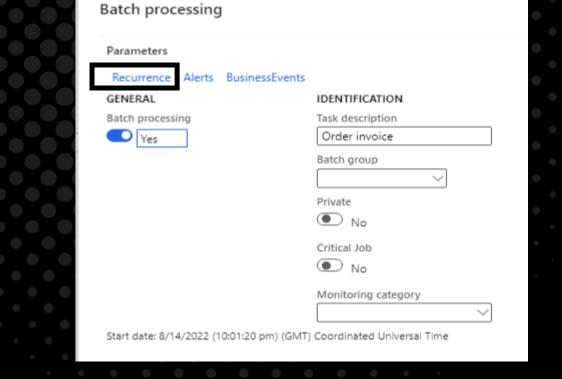- **Consider four scenarios that would cause you to change a batch job status**

Create A Recurrence

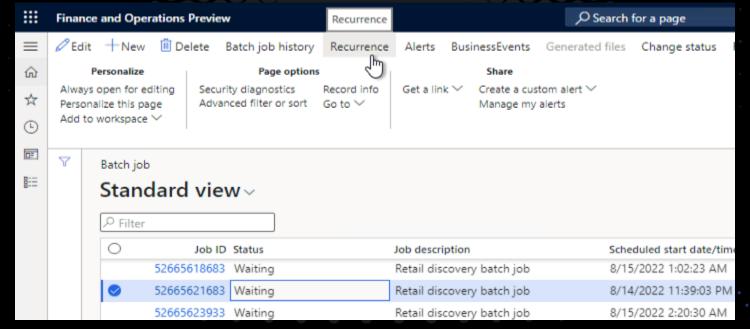- **Run the job more than once at a scheduled time!**
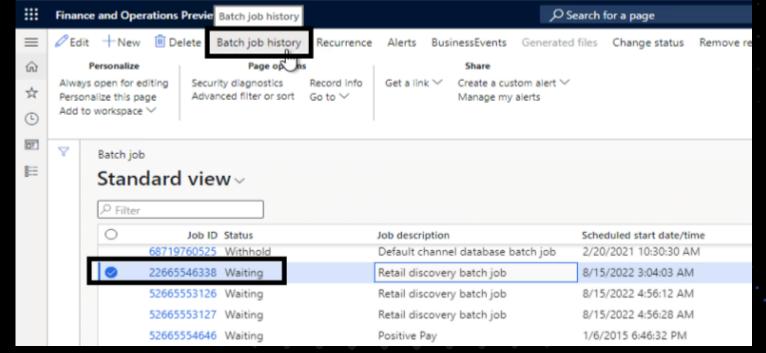
Recurring Vs One-Time

- **Don't forget that One-Time jobs can save time and increase productivity.**

Batch Job History

- **System administration>Inquires>Batch jobs.**
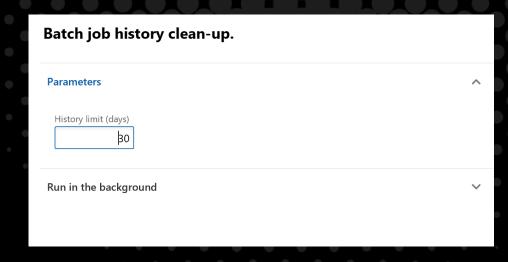 - Batch job history button

Batch Job History Cleanup

- **System administration>Periodic Tasks>Batch job history clean-up**

- **https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/sysadmin/batch-history-cleanup**

Batch job history clean-up.

Parameters ⌃

History limit (days)

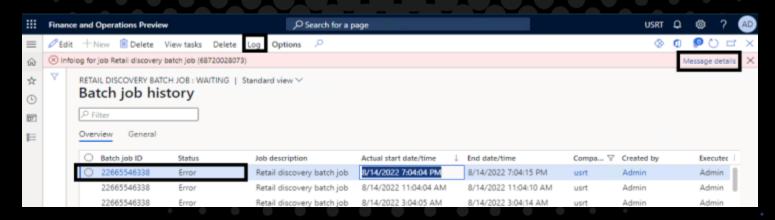30

Run in the background ⌄

Manage By Exception

Instead of waiting to see every process finish, manage by exception. Review only the processes that have issues.
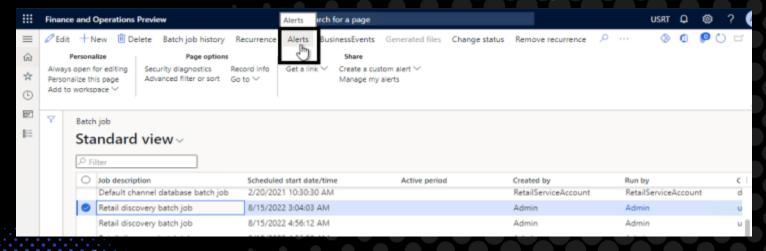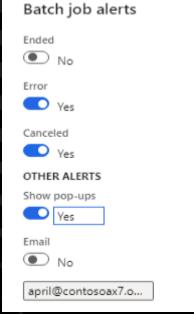
Batch Job Alerts

- **Setup Alerts to inform the right users of errors**

Priority Based Scheduled

- **Helpful to ensure your critical batch jobs run.**
- **And they run at the right time.**
- **https://github.com/MicrosoftDocs/Dynamics-365-Unified-Operations-Public/blob/main/articles/fin-ops-core/dev-itpro/sysadmin/priority-based-batch-scheduling.md#start-of-content**

Build And Customize Workspaces

- https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/user-interface/build-workspaces

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