BC TEARDOWN 5 OF 5

Long batch jobs freeze your users

A common Business Central problem, and how to fix it the right way in AL.

Swipe for the before and after

The pain

Someone starts a price update or recalculation and their Business Central session is locked until it finishes.

Why it happens

The job runs in the user's own session, in the foreground, so they cannot do anything else while it runs.

BEFORE

Run it in the user's session

```
trigger OnAction()
begin
  Codeunit.Run(Codeunit::"DF Recalc Prices");
  // the user waits until it is done
end;
```

AFTER

Hand it to a background session

```
trigger OnAction()
begin
  TaskScheduler.CreateTask(
    Codeunit::"DF Recalc Prices",
    0, true, CompanyName(),
    CurrentDateTime() + 1000);
  Message('Running in the background.');
end;

// Recurring? Schedule it as a
// Job Queue Entry instead.
```

The result

The work runs in the background. Users keep working, and recurring jobs run overnight with no one watching.

TIP

Add a failure codeunit so errors get logged instead of lost.

Got a BC problem like this?

Free 30 minute review of your setup.

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You talk to the person writing the code.

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