

# Introducing Modern Action Bar



# Agenda

Why	User experience	Developer experience
Feedback	Modern action bar	Action references and compatibility
Goals	Discoverability and efficiency	Split button, scope repeater
Principles	Reducing redundancy	Handling PromotedOnly
	Personalization	Conversion
	Consistency	Top used BaseApp pages optimized
	Managing disruption	Modern Action Bar feature flag



... if you are going to follow the **menu structure** then BC is **not very intuitive**, and you have to do **relatively many clicks** to get where you want. **Terms** used could also be better, they are a little technically oriented. For example, the **concepts process, action, related, navigate** – what lies where is **quite incomprehensible** without experience in the system...

Anonymous BC user

# The goal

Provide better **discoverability** of actions in the UI

Improve user **efficiency** in reaching actions

**Focus on promoted actions** and reduce the need to use action repository

Reduce **redundancy** and **duplication** of actions in action bar

Lift (some of) the current **constraints on personalization**

Improve **consistency** of action organization across most used pages

Ensure **minimum disruption** for end users and **easy uptake** for partners

# The principles



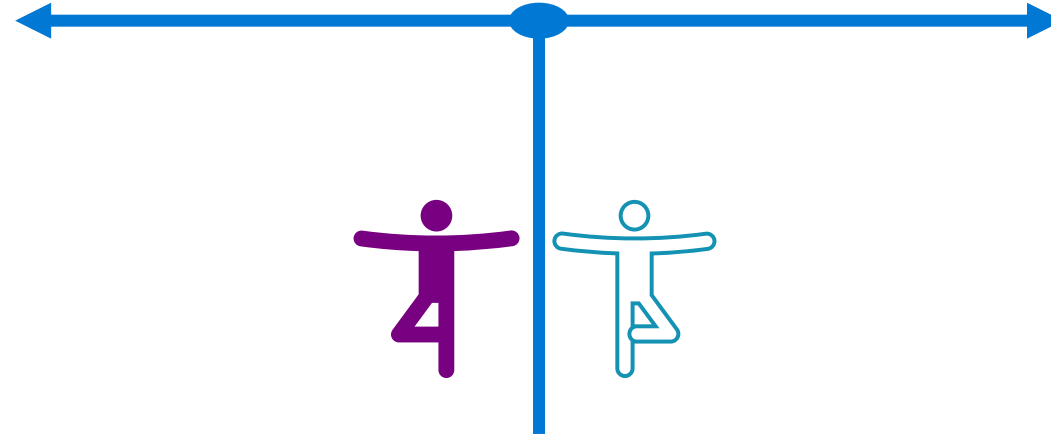
## Efficiency

Everything is available in one click



## Consistency

Everything is where the "rules" say

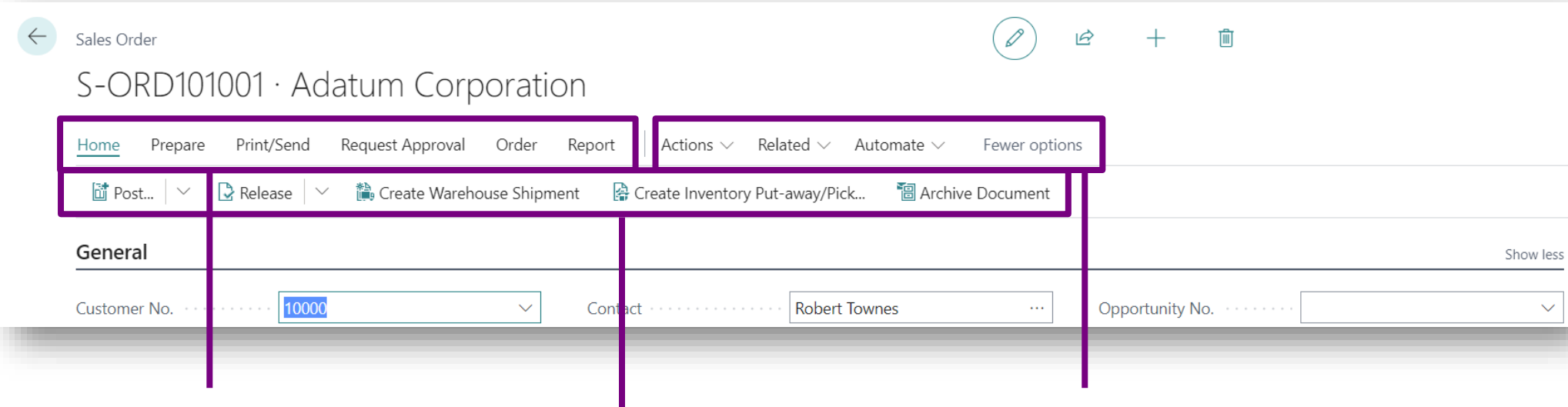


## Balance

Rules are starting point;  
Special cases are optimized

# Introducing Modern Action Bar

# Modern Action Bar

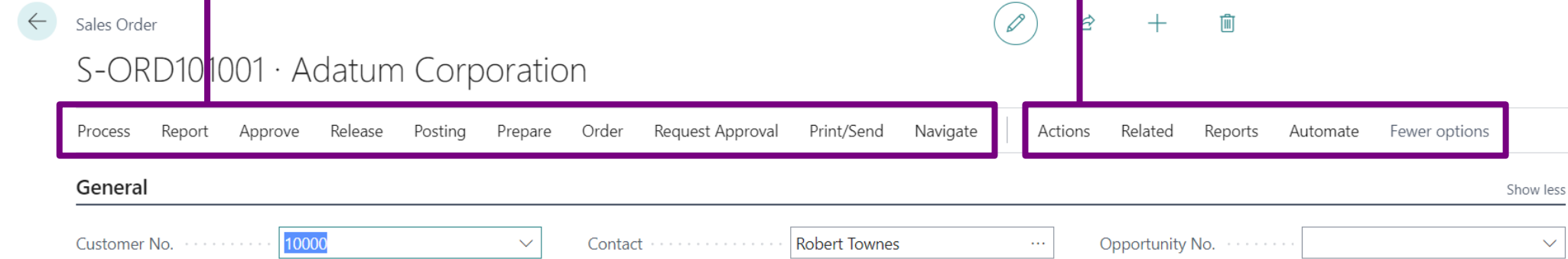


Promoted categories

Promoted actions

Actions repository

# Legacy Action Bar



# Promoting actions using Promoted properties

```
2  page 50105 PageV1
3  {
4      PageType = Card;
5      ApplicationArea = All;
6      UsageCategory = Administration;
7      PromotedActionCategories = 'New,Process,Report,Bank,Application';
8  }
9  actions
10 {
11     0 references
12     area(Processing)
13     {
14         0 references
15         action(ActionName)
16         {
17             ApplicationArea = All;
18             Promoted = true;
19             PromotedCategory = "Report";
20             PromotedIsBig = true;
21             trigger OnAction()
22             begin
23                 message('there is an action!')
24             end;
25         }
26     }
27 }
```

Promoted actions are **implicitly** created.

**PromotedActionCategories** specifies the caption of the 20 defined promoted groups

**Promoted** creates the promoted action, by default in the category New

**PromotedCategory** defines the group where the action is added

**PromotedIsBig** moves the action toward the start of the group

**PromotedOnly** hides the base action and only shows the promoted action.



# Impact on developer & designer experience

## Developer experience:

- Not able to choose the exact **ordering** of promoted actions

- Not possible to create **new categories**

- Not possible to create **sub-group** in the categories

## Designer experience:

- Not able to **move** categories

- Not able to change the **ordering** of actions within one category

# The new Action Bar AL Syntax

New **Promoted** area for the left side of the action bar.

Can contain **groups** and references to actions.

```
1 page 50100 MyPage
2 {
3     actions
4     {
5         0 references
6         area(Promoted)
7         {
8             0 references
9             group(MyGroup)
10            {
11            }
12        }
13    }
14 }
```

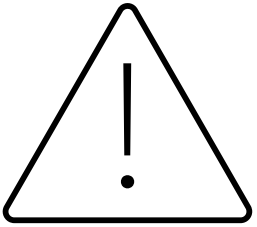
New **ActionRef** construct representing a reference to an action.

Can only be **defined in the Promoted area**, at top level or in a group.

**Inherits all properties** from the target action – except visibility which is a combination of both.

```
0 references
actionref(MyActionRef; MyAction)
{
    Visible = true;
}
```

# Mixing Promoted properties & ActionRefs



You cannot mix promoted action syntax and actionref syntax within the **same object**:

⊗ The property 'Promoted' is not allowed on PageAction 'MyAction' because the PageObject 'MyPage' is using the ActionRef syntax. AL([AL0722](#))

However, you are allowed to have objects with promoted actions and objects with actionrefs in the **same app**.

*How does the runtime support Promoted actions and ActionRefs side-by-side?*

# Promoted Actions and ActionRefs side-by-side

The compiler & platform automatically convert all promoted actions into new ActionRefs under the hood.

## Naming conventions

Promoted Actions: <ActionName>\_Promoted

Promoted Categories: Category\_<CategoryName>

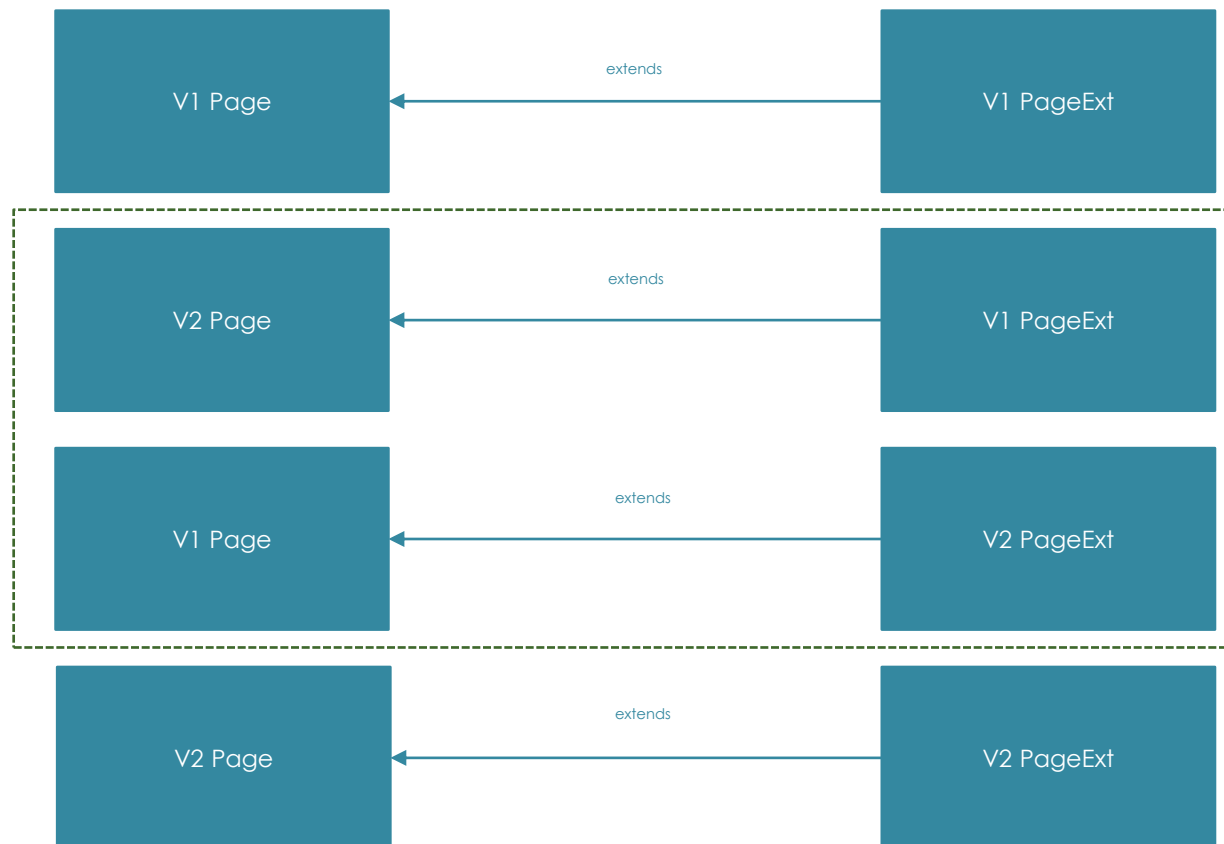
```
page 50100 MyPage
{
    actions
    {
        area(Processing)
        {
            action(MyAction)
            {
                PromotedCategory = New;
                Promoted = true;
                RunObject = page MyPage;
            }
        }
    }
}
```



```
page 50100 MyPage
{
    actions
    {
        area(Promoted)
        {
            group(Category_New)
            {
                actionref(MyAction_Promoted; MyAction) { }
            }
        }
        area(Processing)
        {
            action(MyAction)
            {
                RunObject = page MyPage;
            }
        }
    }
}
```

# Promoted Actions and ActionRefs side-by-side

Extensions with Promoted Actions (V1) and extensions with ActionRefs (V2) can co-exist and contribute to the same page.





```
page 50100 MyV1Page
{
    PromotedActionCategories = 'New-Caption';

    actions
    {
        area(Processing)
        {
            action(MyAction)
            {
                Promoted = true;
                PromotedCategory = New;
                RunObject = page MyV1Page;
            }
        }
    }
}
```

```
pageextension 50100 MyV1ExtOnV1Page extends MyV1Page
{
    actions
    {
        modify(MyAction)
        {
            Caption = 'New Target Action Caption';
        }

        addafter(MyAction)
        {
            action(MyActionFromV1Ext)
            {
                Promoted = true;
                PromotedCategory = New;
                RunObject = page MyV1Page;
            }
        }
    }
}
```

Can reference/modify the target action.



```
page 50100 MyV2Page
{
  actions
  {
    area(Promoted)
    {
      actionref(MyActionRef; MyAction) { }
    }

    area(Processing)
    {
      action(MyAction)
      {
        RunObject = page MyV2Page;
      }
    }
  }
}
```

```
pageextension 50100 MyV2ExtOnV2Page extends MyV2Page
{
  actions
  {
    modify(MyActionRef)
    {
      Visible = false;
    }

    addafter(MyActionRef)
    {
      action(MyNewActionRef; MyNewAction) { }
    }

    addafter(MyAction)
    {
      action(MyNewAction)
      {
        RunObject = page MyV2Page;
      }
    }
  }
}
```

Can reference/modify the target action.  
V2: Can reference/modify the promoted action too.



```
page 50100 MyV2Page
{
  actions
  {
    area(Promoted)
    {
      actionref(MyActionRef; MyAction) { }
    }
    area(Processing)
    {
      action(MyAction)
      {
        RunObject = page MyV2Page;
      }
    }
  }
}
```

```
pageextension 50100 MyV1ExtOnV2Page extends MyV2Page
{
  actions
  {
    modify(MyAction)
    {
      Caption = 'New Target Action Caption';
    }
    addafter(MyAction)
    {
      action(MyNewAction)
      {
        Promoted = true;
        PromotedCategory = New;
        RunObject = page MyV2Page;
      }
    }
  }
}
```

Can reference/modify the target action.





```
page 50100 MyV1Page
{
    PromotedActionCategories = 'New-Caption';

    actions
    {
        area(Processing)
        {
            action(MyAction)
            {
                Promoted = true;
                PromotedCategory = New;
                RunObject = page MyV1Page;
            }
        }
    }
}
```

```
pageextension 50100 MyV2ExtOnV1Page extends MyV1Page
{
    actions
    {
        modify(MyAction_Promoted) // Synthesized ActionRef Name
        {
            Visible = false;
        }

        addafter(MyAction_Promoted)
        {
            actionref(MyActionRef; MyNewAction) { }
        }

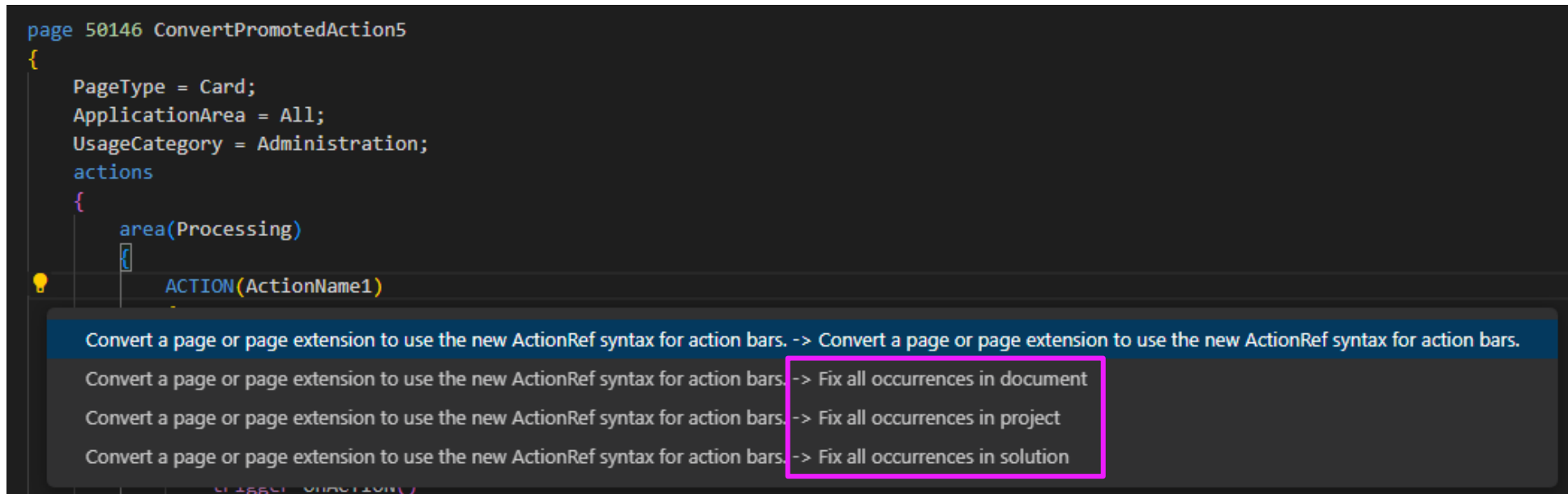
        addafter(MyAction)
        {
            action(MyNewAction)
            {
                RunObject = page MyV1Page;
            }
        }
    }
}
```

Can reference/modify the target action.  
V2: Can reference/modify the promoted action too.

# New code action to convert to ActionRef

Includes new support for running select code actions in larger scopes

Specific instance, document, project, solution (workspace)



# Conversion from V1 to V2

## The old model (V1)

```
page 51 "Purchase Invoice"
{
    Caption = 'Purchase Invoice';
    PageType = Document;
    PromotedActionCategories =
        'New,Process,Report,Approve,Invoice,Posting,View,Request Approval,Incoming
        Document,Release,Navigate';
    RefreshOnActivate = true;
}
```



## The new model (V2)

```
actions
{
    group(Approval)
    {
        Caption = 'Approval';
        action(Approve)
        {
            ApplicationArea = All;
            Caption = 'Approve';
            Image = Approve;
            Promoted = true;
            PromotedCategory = Category4;
            PromotedIsBig = true;
            PromotedOnly = true;
            Tooltip = 'Approve the requested changes.';
            Visible = OpenApprovalEntriesExistForCurrUser;

            trigger OnAction()
            {
            }
        }
    }
}
```

```
actions
{
    area(Promoted)
    {
        group(Category_Report)
        {
            Caption = 'Report';
        }

        group(Category_Category4)
        {
            Caption = 'Approve';
            actionref(Approve_Promoted; Approve)
            {
            }

            actionref(Reject_Promoted; Reject)
            {
            }

            actionref(Delegate_Promoted; Delegate)
            {
            }
        }
    }
}
```

left "Promoted" area side

# AppSource validation

Validation of affixes for actionrefs and promoted group ([AS0011](#))

Validation of breaking changes ([AS0031](#))

- Cannot remove actionref without prior obsolescence

- Cannot remove promoted groups without prior obsolescence

**Discoverability and efficiency in Action Bar**

# Legacy vs Modern Action Bar

Legacy

←

Sales Order

+

S-ORD101001 · Adatum Corporation

Process

Report

Release

Posting

Prepare

Order

Request Approval

Print/Send

Navigate

More options

General

Show more

Customer Name

Adatum Corporation

Due Date

5/2/2022

Familiar and discoverable **Home** action group with most important actions

Modern

←

Sales Order

+

S-ORD101001 · Adatum Corporation

Home

Prepare

Print/Send

Request Approval

Order

Report

Actions

Related

Automate

Fewer options

Post...

Release

Create Warehouse Shipment

Create Inventory Put-away/Pick...

Archive Document

General

Show less

Customer No.

10000

Posting Date

4/2/2022

# Legacy vs Modern Action Bar

Legacy

←

Sales Order

S-ORD101001 · Adatum Corporation

Process

Report

Release

Posting

Prepare

Order

Request Approval

Print/Send

Navigate

More options

General

Show more

Customer Name

Adatum Corporation

Due Date

5/2/2022

Efficient access to important actions through **auto-pinning**

Modern

←

Sales Order

S-ORD101001 · Adatum Corporation

Home

Prepare

Print/Send

Request Approval

Order

Report

Actions

Related

Automate

Fewer options

Post...

Release

Create Warehouse Shipment

Create Inventory Put-away/Pick...

Archive Document

General

Show less

Customer No.

10000

Posting Date

4/2/2022

# Legacy vs Modern Action Bar

Legacy

←

Sales Order

S-ORD101001 · Adatum Corporation

Process

Report

Release

Posting

Prepare

Order

Request Approval

Print/Send

Navigate

More options

General

Show more

Customer Name

Adatum Corporation

Due Date

5/2/2022

Efficient access to even more important actions (as **subcategories**)

Modern

←

Sales Order

S-ORD101001 · Adatum Corporation

Home

Prepare

Print/Send

Request Approval

Order

Report

Actions

Related

Automate

Fewer options

Post...

Release

Create Warehouse Shipment

Create Inventory Put-away/Pick...

Archive Document

General

Show less

Customer No.

10000

Posting Date

4/2/2022



# Legacy vs Modern Action Bar

Legacy

←

Sales Order

S-ORD101001 · Adatum Corporation

Process

Report

Release

Posting

Prepare

Order

Request Approval

Print/Send

Navigate

More options

General

Show more

Customer Name

Adatum Corporation

Due Date

5/2/2022

Efficient access to most important action in group with **split button**

Modern

←

Sales Order

S-ORD101001 · Adatum Corporation

Home

Prepare

Print/Send

Request Approval

Order

Report

Actions

Related

Automate

Fewer options

Post...

Release

Release

Reopen

Create Warehouse Shipment

Create Inventory Put-away/Pick...

Archive Document

General

Show less

Customer No.

10000

Posting Date

4/2/2022

# Split button benefits

Action group (name) is actionable (even then collapsed)

Familiar experience across Microsoft products

„Forces“ grouping of similar actions

Has lower interaction cost for user

Removes the need to “invent” abstract action group names

On clients that don't support it, falls back to regular action group

# Split button

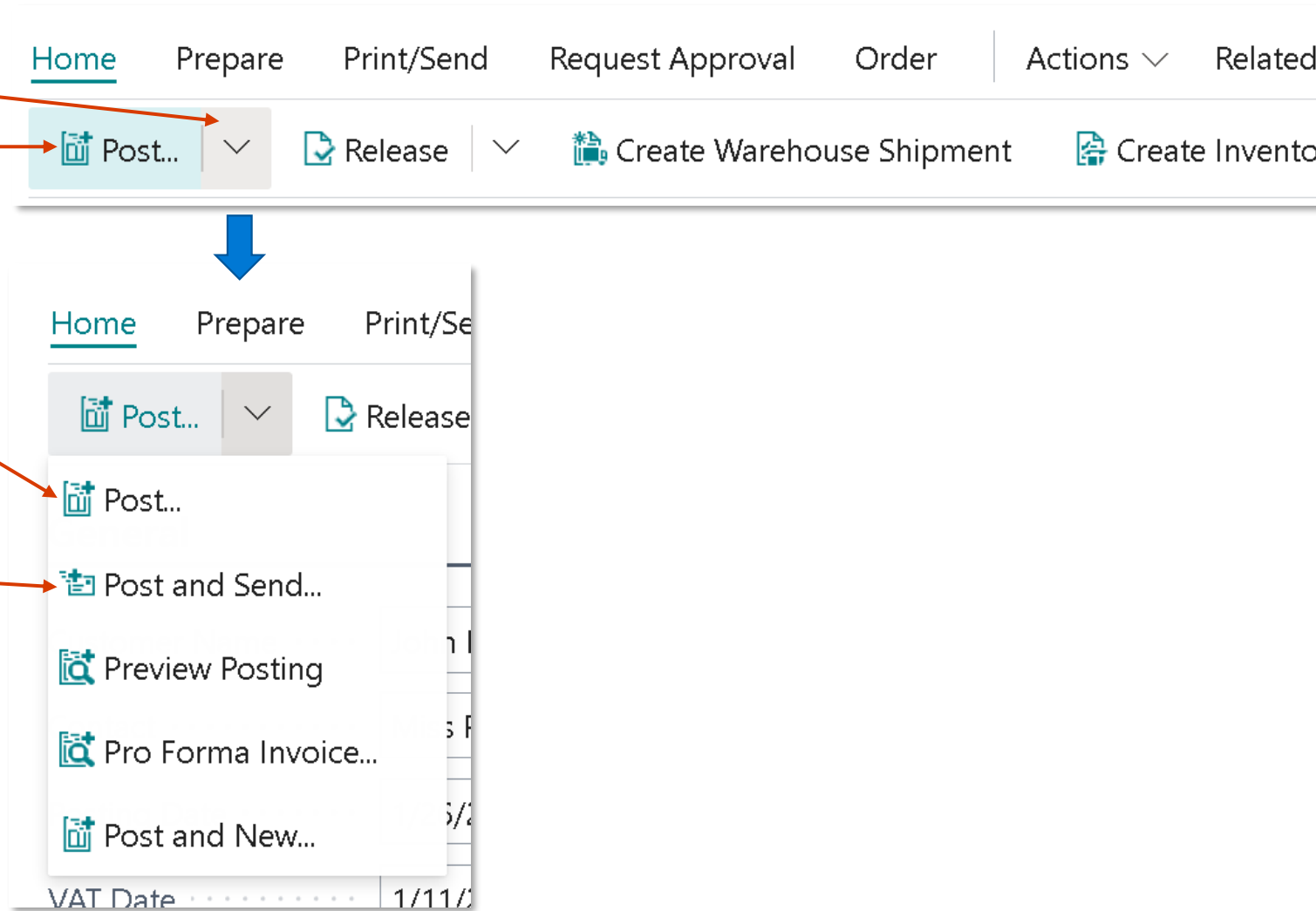
```
group(Posting)
{
  ShowAs = SplitButton;

  1 reference
  action(Post)
  {
    ApplicationArea = All;
    Caption = 'Post';
    Image = Post;

    trigger OnAction()
    begin
      PostOrder();
    end;
  }

  1 reference
  action(PostAndSend)
  {
    ApplicationArea = All;
    Caption = 'Post and Send';
    Image = SendAsPDF;

    trigger OnAction()
    begin
      PostAndSendOrder();
    end;
  }
}
```



# Scope repeater actions

What is wrong with this action?

```
0 references
page 50100 MyPage
{
    PageType = List;
    SourceTable = Customer;

    layout
    {
        0 references
        area(Content)
        {
            0 references
            repeater(GroupName)
            {
                0 references
                field(Name; Rec.Name) { }
            }
        }
    }
}
```

```
actions
{
    0 references
    area(Processing)
    {
        0 references
        action(MyAction)
        {
            ApplicationArea = All;
            Scope = Repeater;

            trigger OnAction()
            begin
                Message('Hello from a scope repeater action!');
            end;
        }
    }
}
```

```
0 references
action(MyAction)
{
    ApplicationArea = All;
    Scope = Repeater;

    trigger OnAction()
    begin
        Message('Hello from a scope repeater action!');
    end;
}
```

```
0 references
action(MyAction)
{
    ApplicationArea = All;
    Scope = Repeater;
    Promoted = true;

    trigger OnAction()
    begin
        Message('Hello from a scope repeater action!');
    end;
}
```

# Scope repeater actions no longer require promotion

## Version 20 and earlier

The **Scope = Repeater** property was ignored unless the action was **Promoted = True**.

New UICop rule AWoo15 depending on the runtime version in app.json

```
0 references  
action(ActionName)  
{  
    Scope = Repeater;  
    ApplicationArea = All;  
    Image = "1099Form";  
}
```

## Version 21

**Scope = Repeater** now works without the action being promoted.

# Reducing redundancy in Action Bar

# Legacy vs Modern Action Bar

Legacy

← Sales Order ✎ 🔗 + 🗑

S-ORD101001 · Adatum Corporation

Process Report Release Posting Prepare **Order** Request Approval Print/Send **Navigate** | More options

**General** Show more

Customer Name ..... Adatum Corporation ... Due Date ..... 5/2/2022 📅

Reduced interaction cost of finding related information

Modern

← Sales Order ✎ 🔗 + 🗑

S-ORD101001 · Adatum Corporation

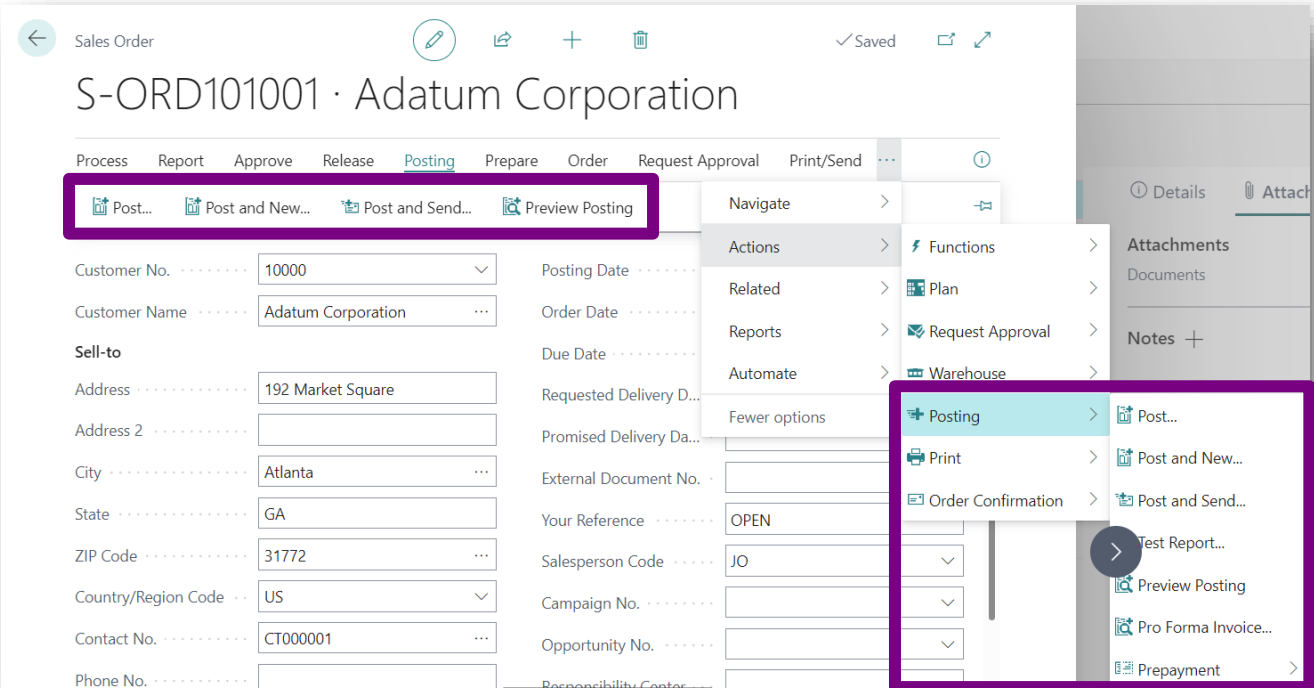
Home Prepare Print/Send Request Approval **Order** Report | Actions ▾ Related ▾ Automate ▾ Fewer options

📄 Post... ▾ 📄 Release ▾ 📄 Create Warehouse Shipment 📄 Create Inventory Put-away/Pick... 📄 Archive Document

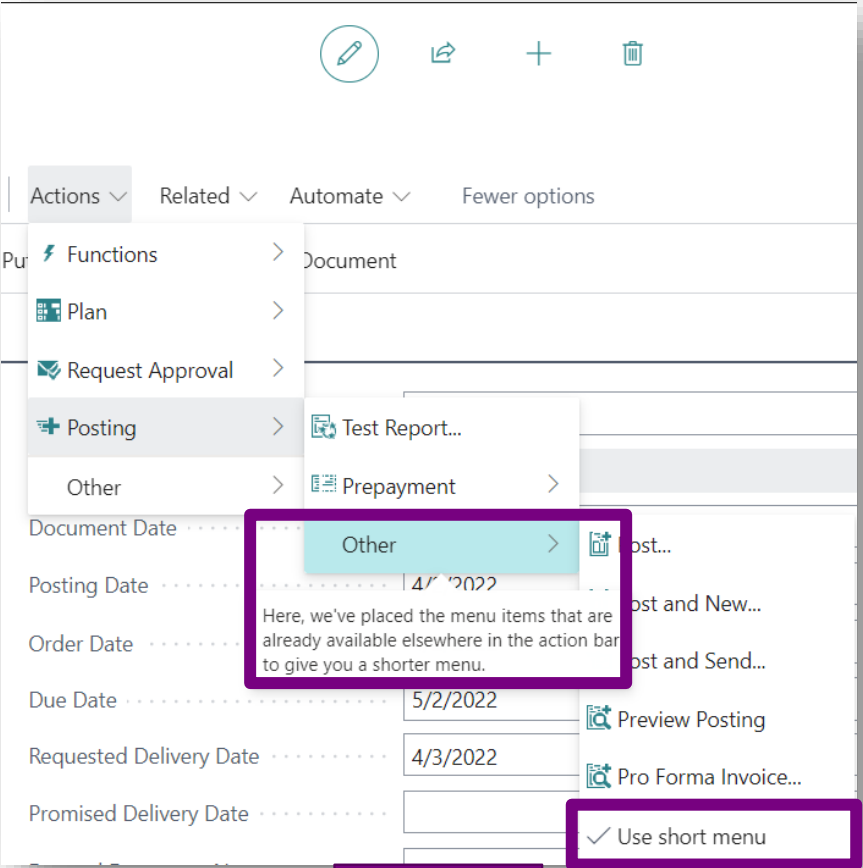
**General** Show less

Customer No. .... 10000 ▾ Posting Date ..... 4/2/2022 📅

# The "Other" menu



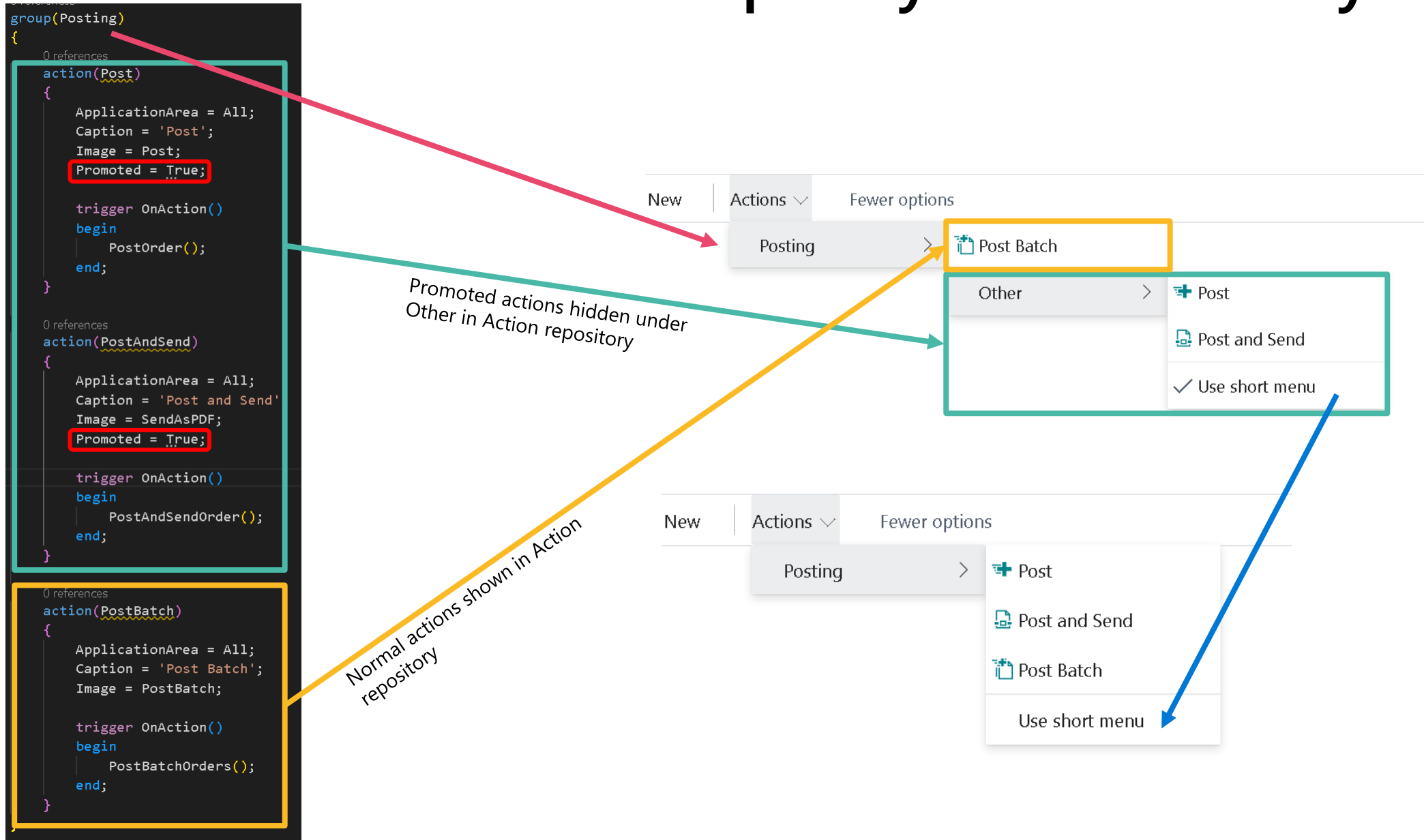
Legacy



Modern



# All promoted actions are now implicitly PromotedOnly



# Handling PromotedOnly

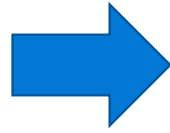
A group containing only promoted actions is no longer rendered

```
0 references
group(ReleaseAndReopen)
{
  0 references
  action(Release)
  {
    Caption = 'Release';
    Promoted = true;

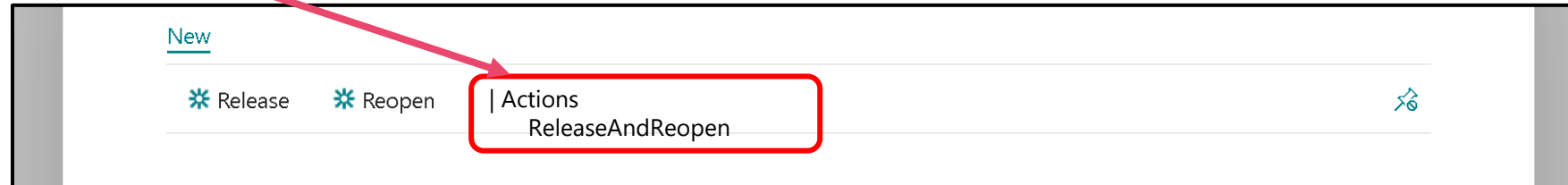
    trigger OnAction()
    begin
      Message('Released');
    end;
  }

  0 references
  action(Reopen)
  {
    Caption = 'Reopen';
    Promoted = true;

    trigger OnAction()
    begin
      Message('Reopened');
    end;
  }
}
```



Empty group not rendered in  
Action repository



# Action bar personalization

# Demo



Personalization

# Personalization improvement summary

	Capability	Legacy Action Bar	Modern Action Bar
Promoted Categories	Creating new promoted categories*	Limited to 20 predefined ones	✓
	Reordering promoted categories	✗	✓
	Defining promoted sub-categories	✗	✓
	Customizing promoted categories*	Only the caption can be updated.	✓
Promoted Actions	Reordering promoted actions	Can only decide if toward the start or the end of a category.	✓
	Defining top-level promoted actions	✗	✓

\* Currently developers only experience

# Converting in-client customizations

Type of customization	Conversion process	Remarks
<b>User Personalization</b>	Fully automated (no user action required)	<ul style="list-style-type: none"><li>- Conversion on upgrade</li></ul>
<b>Profile Customization</b>	Fully automated (no user action required)	<ul style="list-style-type: none"><li>- Conversion on upgrade &amp; on import</li><li>- Added partner telemetry signals</li></ul>
<b>Designer mode (Sandbox)</b>	One-click conversion (user action required)	<ul style="list-style-type: none"><li>- Code Action in VS Code </li><li>- Lock icon in the web client </li></ul>

# User profiles conversion

Dynamics 365 Business Central

← Profiles (Roles) | Work Date: 1/25/2024

Profiles (Roles): All ▾

Search

+ New

Manage

Use as default profile

Copy profile...

Customize pages

Export Profiles

Import Profiles

More options

Profile ID	Display Name ↑	Source	Role Center ID	Enable
ACCOUNTANT	Accountant	Base Application	9027	<input checked="" type="checkbox"/>
ACCOUNTING MANAGER	Accounting Manager	Base Application	9001	<input type="checkbox"/>
AP COORDINATOR	Accounts Payable Coordinator	Base Application	9002	<input type="checkbox"/>
AR ADMINISTRATOR	Accounts Receivable Administrator	Base Application	9003	<input type="checkbox"/>
SECURITY ADMINISTRATOR	Administration of users, user groups and permissions	Base Application	9024	<input checked="" type="checkbox"/>
BLANK	Blank Profile	System Application	8999	<input type="checkbox"/>
BOOKKEEPER	Bookkeeper	Base Application	9004	<input type="checkbox"/>
BUSINESS MANAGER	Business Manager	Base Application	9022	<input checked="" type="checkbox"/>
BUSINESS MANAGER EVAL...	Business Manager Evaluation	Base Application	9022	<input checked="" type="checkbox"/>

# User profiles conversion

## Import Profiles (1 of 3)

Welcome to the import profiles guide

You can update your list of profiles (roles) by uploading a package file that you exported earlier.

Importing a package can add new profiles or replace existing profiles and their page modifications. Before you import a package, we recommend that you create a copy of your existing profiles by using the Export Profiles action on the Profiles (Roles) page.

When you replace a profile, signed-in users who are assigned to the profile may be interrupted briefly.

Let's go!

Choose Select Package to find a profiles package file.

After choosing a package, you can select which profiles you want to add or replace before committing the change.

Select package

## Import Profiles (2 of 3)

The package contains the following profiles. If there are profiles that you do not want to import, clear the check box.

Select...	Action	Profile ID ↑	Source of the profile in Business Central
→ <input checked="" type="checkbox"/>	<span>⋮</span> Replace	TEST	(User-created)

Back

Import selected

## Import Profiles (3 of 3)

### Results

Profile ID	Message
→ TEST	Successfully imported with warnings

Back

Done

Message

We have detected the use of deprecated language constructs in your profile package and we have automatically updated your pro...

The profile was successfully imported.



# User profiles conversion

**Dynamics 365 Business Central**

Profiles (Roles) | Work Date: 1/25/2024

Profiles (Roles): **All** | Search | + New | Manage | ☒ Use as default profile | Copy profile... | Customize pages | **Export Profiles** | Import Profiles | More options

Profile ID	Display Name ↑	Source	Role Cen
<u>ACCOUNTANT</u>	Accountant	Base Application	
ACCOUNTING MANAGER	Accounting Manager	Base Application	
AP COORDINATOR	Accounts Payable Coordinator	Base Application	
AR ADMINISTRATOR	Accounts Receivable Administrator	Base Application	
SECURITY ADMINISTRATOR	Administration of users, user groups and permissions	Base Application	
BLANK	Blank Profile	System Application	
BOOKKEEPER	Bookkeeper	Base Application	
BUSINESS MANAGER	Business Manager	Base Application	
BUSINESS MANAGER EVAL...	Business Manager Evaluation	Base Application	

# Converted user profile

profiles

Name	Type	Compressed size	Password prot...	Size	Ratio	Date modified
app.json	JSON File	1 KB	No	1 KB	47%	17-06-2022 10:29
PageCustomization._Business Manager Role Center_.Configuration1.al	AL File	1 KB	No	1 KB	33%	17-06-2022 10:29
PageCustomization._Sales Quote_.Configuration2.al	AL File	1 KB	No	1 KB	36%	17-06-2022 10:29
Profile.TEST.al	AL File	1 KB	No	1 KB	36%	17-06-2022 10:29

PageCustomization.\_Sales Quote\_.Configuration2.al

C:\> Users > qutreson > AppData > Local > Temp > Temp1\_profiles (2).zip > PageCustomization.\_Sales Quote\_.Configuration2.al

```
1 |pagecustomization Configuration2 customizes "Sales Quote"
2 |{
3 |  layout
4 |  {
5 |    modify(SalesLines)
6 |    {
7 |      Visible = false;
8 |    }
9 |  }
10 |  actions
11 |  {
12 |    addfirst(Category_Category4)
13 |    {
14 |      actionref(PageInteractionLogEntries_Promoted; PageInteractionLogEntries)
15 |      {
16 |      }
17 |    }
18 |  }
19 |}
20 |
```

```
modify(PageInteractionLogEntries)
{
  Promoted = true;
  PromotedIsBig = true;
  PromotedCategory = Category4;
}
```

# Designer conversion

```
actions
{
    0 references
    area(Processing)
    {
        0 references
        action(ActionName)
        {
            ApplicationArea = All;
            Promoted = true;
        }
    }
}
```

F6: Launch Designer

Dynamics 365 Business Central

CRONUS International Ltd.

Sales▼ Purchasing▼

TechDays | MyPageWithPromotedAction

Stop designing

▼ More

MyPageWithPromotedAction: All ▼

Search + New

More options

The page that you want to design belongs to an app with obsolete syntax in the AL code. To continue with design, choose the Unlock page action, and the code will be automatically updated to the current syntax.

Unlock page

Name		System ID
Spotsmeyer's Furnishings		{327789c6-3316-ed11-b844-000d3a398e6b}
Progressive Home Furnishings		{fb238ccc-3316-ed11-b844-000d3a398e6b}
New Concepts Furniture	705 West Peachtree Street	{04248ccc-3316-ed11-b844-000d3a398e6b}
Candoxy Canada Inc.	18 Cumberland Street	{d1248ccc-3316-ed11-b844-000d3a398e6b}

# Designer conversion

Dynamics 365 Business Central

CRONUS International Ltd. | Sales ▾ | Purchasing ▾ | TechDays | MyPageWithPromotedAction | Stop designing | ▾ More

MyPageWithPromotedAction: All ▾ | Search | + New | Delete | Edit List | Drop an action here | More options

Name
Spotsmeyer's Furnishings
Progressive Home Furnishings
New Concepts Furniture
Candoxy Canada Inc.
Elkhorn Airport
London Candoxy Storage Campus

```
actions
{
    0 references
    area(Processing)
    {
        1 reference
        action(ActionName)
        {
            ApplicationArea = All;
        }
    }
    0 references
    area(Promoted)
    {
        0 references
        group(Category_New)
        {
            Caption = 'New';

            0 references
            actionref(ActionName_Promoted; ActionName)
            {
            }
        }
    }
}
```

System ID

327789c6-3316-ed11-b844-000d3a398e6b)
fb238ccc-3316-ed11-b844-000d3a398e6b)
04248ccc-3316-ed11-b844-000d3a398e6b)
d1248ccc-3316-ed11-b844-000d3a398e6b)
d6248ccc-3316-ed11-b844-000d3a398e6b)
df248ccc-3316-ed11-b844-000d3a398e6b)

Alt + F6: Pull Designer Changes

# Consistency of Action Bar

# Consistency of promoted categories and actions

Promoted action categories consistently placed within specific processes and across similar processes

- All Sales documents have consistent promoted categories

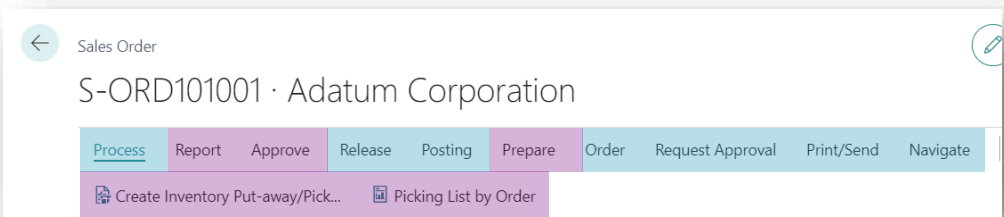
- All Purchase documents have consistent promoted categories that have similar placement to promoted categories in Sales documents

Promotion of actions informed by telemetry and their placement within categories balanced with rules

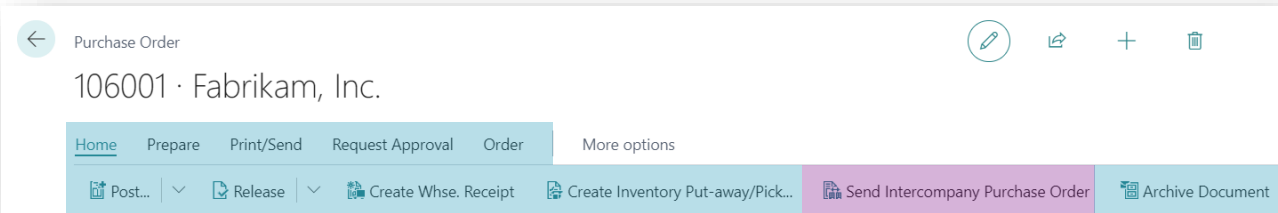
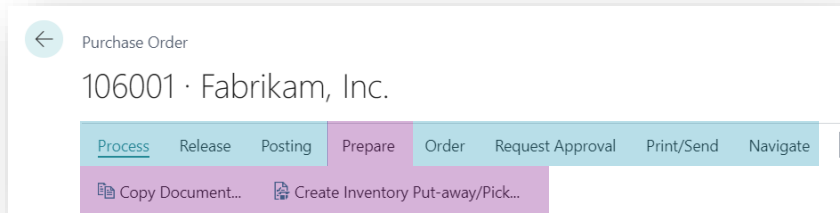
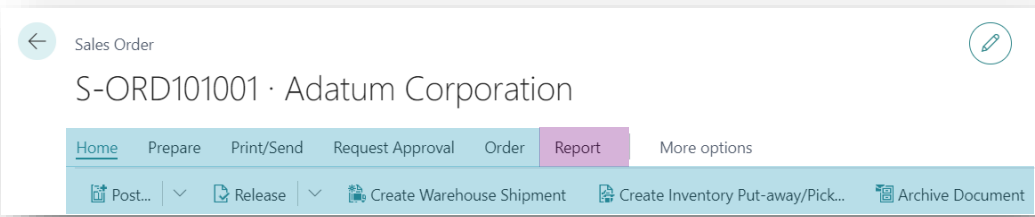
- Multiple prominent actions are promoted based in usage insights

# Consistency of Promoted Categories and Actions

Orders in Legacy Action Bar



Orders in Modern Action Bar



# Managing disruption of Modern Action Bar

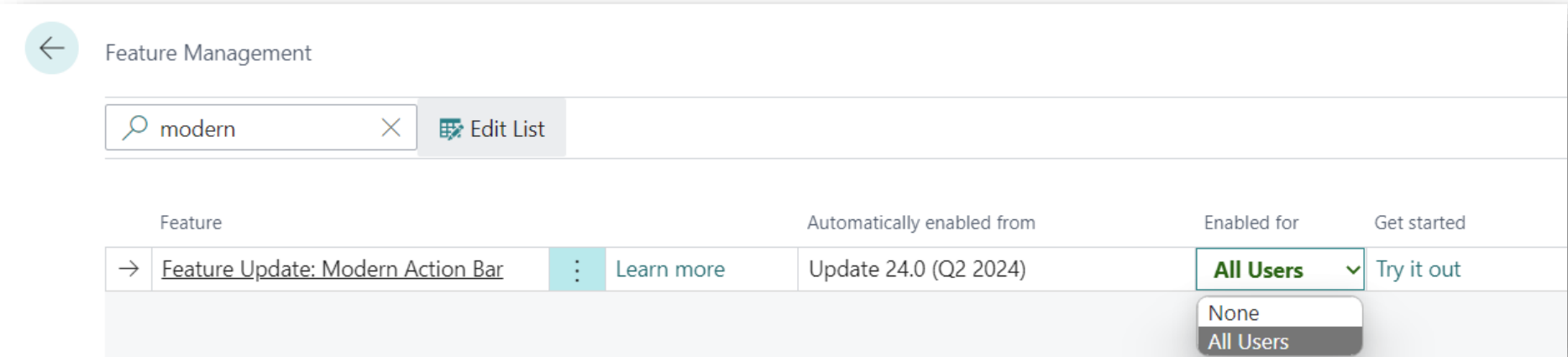


# Enable Modern Action Bar when you are ready

Existing customers can enable Modern Action Bar when they are ready

Users can try it – enabled only temporarily when they click “Try it out”

Administrators can enable it for all users, but can also switch it off



New customers (from October) get Modern Action Bar enabled by default

# Capabilities behind Modern Action Bar feature key

1. Process action category renamed to Home
2. Post and Release action groups moved to Home and converted to split buttons
3. Action bar is now presented in pinned state
4. "More options" automatically expanded in the Lines subpage

The screenshot displays two Dynamics 365 forms: 'Sales Order' and 'Sales Invoice'. The 'Sales Order' form shows a top navigation bar with tabs: Process, Report, Approve, Release, Posting, Prepare, Order, Request Approval, Print/Send, and Navigate. The 'Sales Invoice' form shows a top navigation bar with tabs: Home, Prepare, Request Approval, Invoice, and More options. The 'Sales Invoice' form also has a pinned action bar with buttons for Post and Release. The 'Sales Invoice' form is annotated with four numbered circles: 1 points to the 'Home' tab, 2 points to the 'Release' button, 3 points to the 'More options' button, and 4 points to the 'Lines' subpage. The 'Lines' subpage is expanded, showing a table with columns: Type, No., Item Reference No., Description, Location Code, and Quantit.

**Sales Order**  
S-ORD101001 · Adatum Corporation

Process Report Approve Release Posting Prepare Order Request Approval Print/Send Navigate

**Sales Invoice**  
S-INV102199 · Adatum Corporation

Home Prepare Request Approval Invoice More options

Post Release

General

Customer Name Adatum Corporation Due Date 5/4/2022

Contact Robert Townes Status Open

Posting Date 4/4/2022

Lines Manage Line Fewer options

Type	No.	Item Reference No.	Description	Location Code	Quantit
→ Item	1968-S		MEXICO Swivel Chair, black		
Item	1996-S		ATLANTA Whiteboard, base		
Comment			Thank you for ordering		

# Summary

Use new promoted action model (backwards compatible) based on ActionRefs

Use actions in context menu without promoting them

Efficiently access to most important actions in group through split-buttons

Auto-pined by default action bar provides efficient access to most important actions

Reduced ambiguity of action group names (Process -> Home, merge of Navigate -> "Entity")

Enhanced personalization capabilities of promoted actions

Reduced redundancy in action repository

Automated conversion of in-client personalization and customizations

Use code actions to convert your apps and extensions to new promoted actions model

Consistent action bar across most used pages in Base Application

Controlled user experience disruption through Modern action bar feature key

# Actions for you

Read about of Modern Action Bar in Wave 2 2022 release plan ([link](#))

Read **developer** documentation on promoted actions ([link](#))

**Convert** your apps and extensions to new promoted actions model ([link](#))

**Update** your apps if your hidden action groups contain promoted actions ([link](#))

Consider viewed detailed BCTechDays recording on the topic as well ([link](#))

Read **end user** documentation on modern action bar([link](#))

**Try Modern Action Bar** now by enabling it in your environments ([link](#)\*)

Got feedback on Modern Action Bar – go to [aka.ms/bcideas](https://aka.ms/bcideas)

# Other resources

Learn more!



Have a question?  
[aka.ms/BCYammer](https://aka.ms/BCYammer)



Join the conversation  
<https://twitter.com/MSDYN365BC>



Watch the latest BCLE sessions  
[aka.ms/BCLE](https://aka.ms/BCLE)



Submit your ideas  
[aka.ms/BCIdeas](https://aka.ms/BCIdeas)



Thank you

