

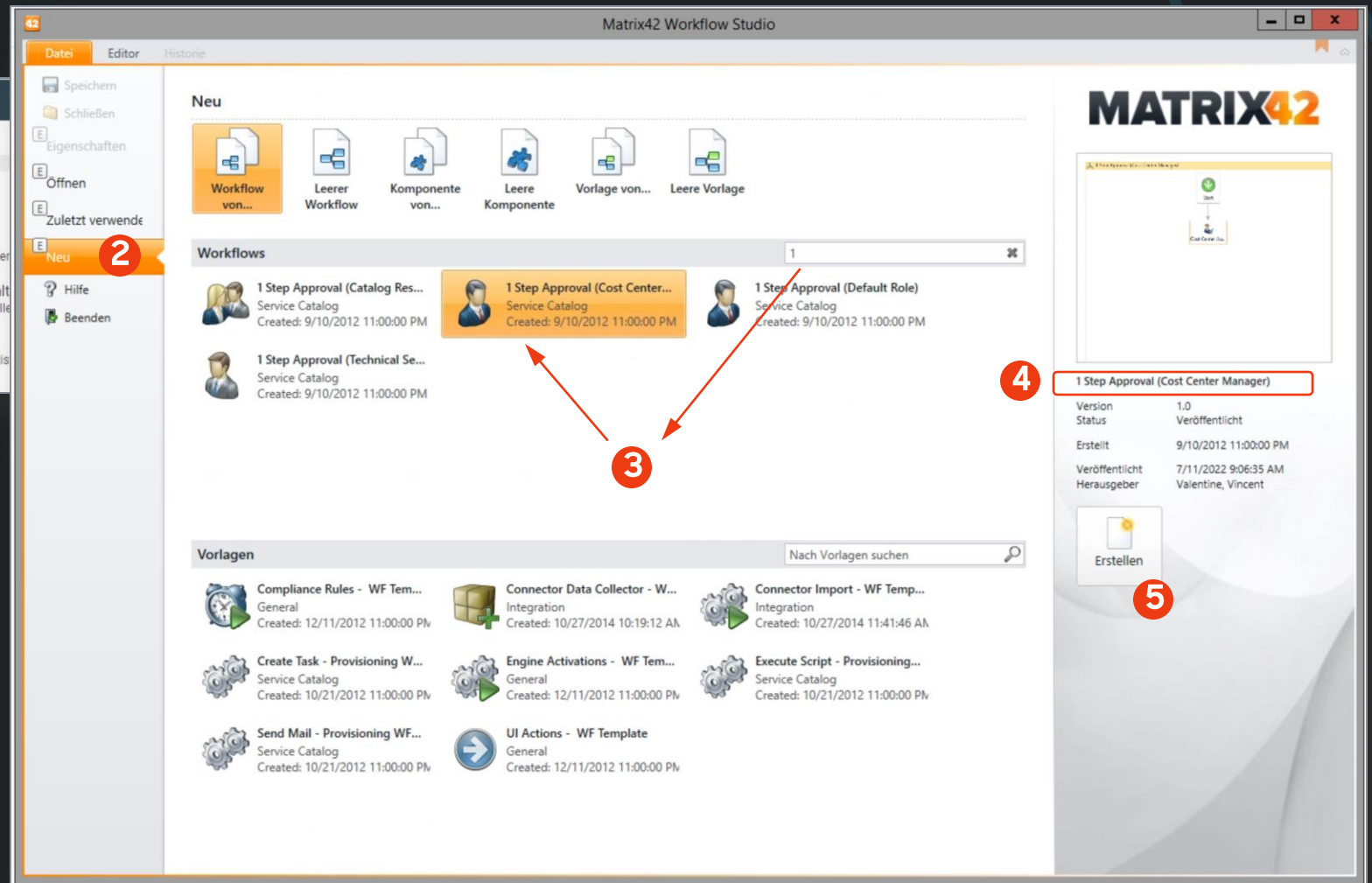
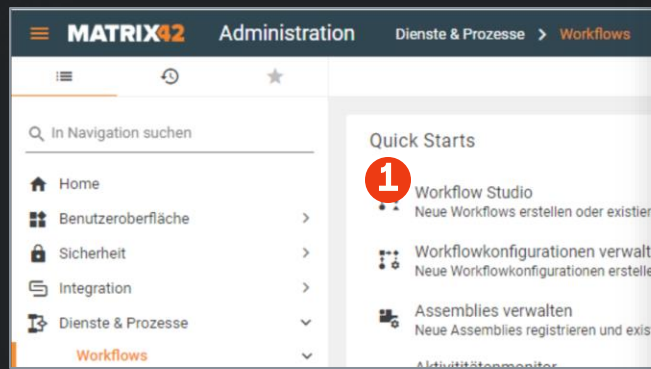
MATRIX42

WORKFLOW TRAINING WORKSHOP (1)

**1 STEP APPROVAL (COST CENTER MANAGER) WITH
DECIDER CHECK**



Neuer Workflow von der Vorlage auswählen ...



... Eigenschaften ergänzen und als neuen Workflow speichern

Matrix42 Workflow Studio

Workflow Eigenschaften

Definieren Sie die Eigenschaften für diesen Workflow, fügen Sie einige Kommentare zur Beschreibung des Zwecks und des Aufgabenkontextes hinzu an wählen Sie ein Symbol aus. Diese Informationen helfen anderen Benutzern beim Arbeiten mit diesem Workflow.

Name: 1 Step Approval (Cost Center Manager) with Decider Check

Symbol: businessman.png

Kategorie: Service Catalog

Integrationskontext: Service-Genehmigung

System: WF Training

System: 1

Speichern: 2

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1 Step Approval (Cost Center Manager) with Decider Check

Version: [1.0]
Status: In Bearbeitung

Speichern

... sehen Sie sich die Argumente an

Matrix42 Workflow Studio

Repository: 1 Step Approval (Cos...ecider Check * x

ApprovalCCDecider

1 Step Approval (Cost Center Manager) with Decider Check

Start

Cost Center Ap...

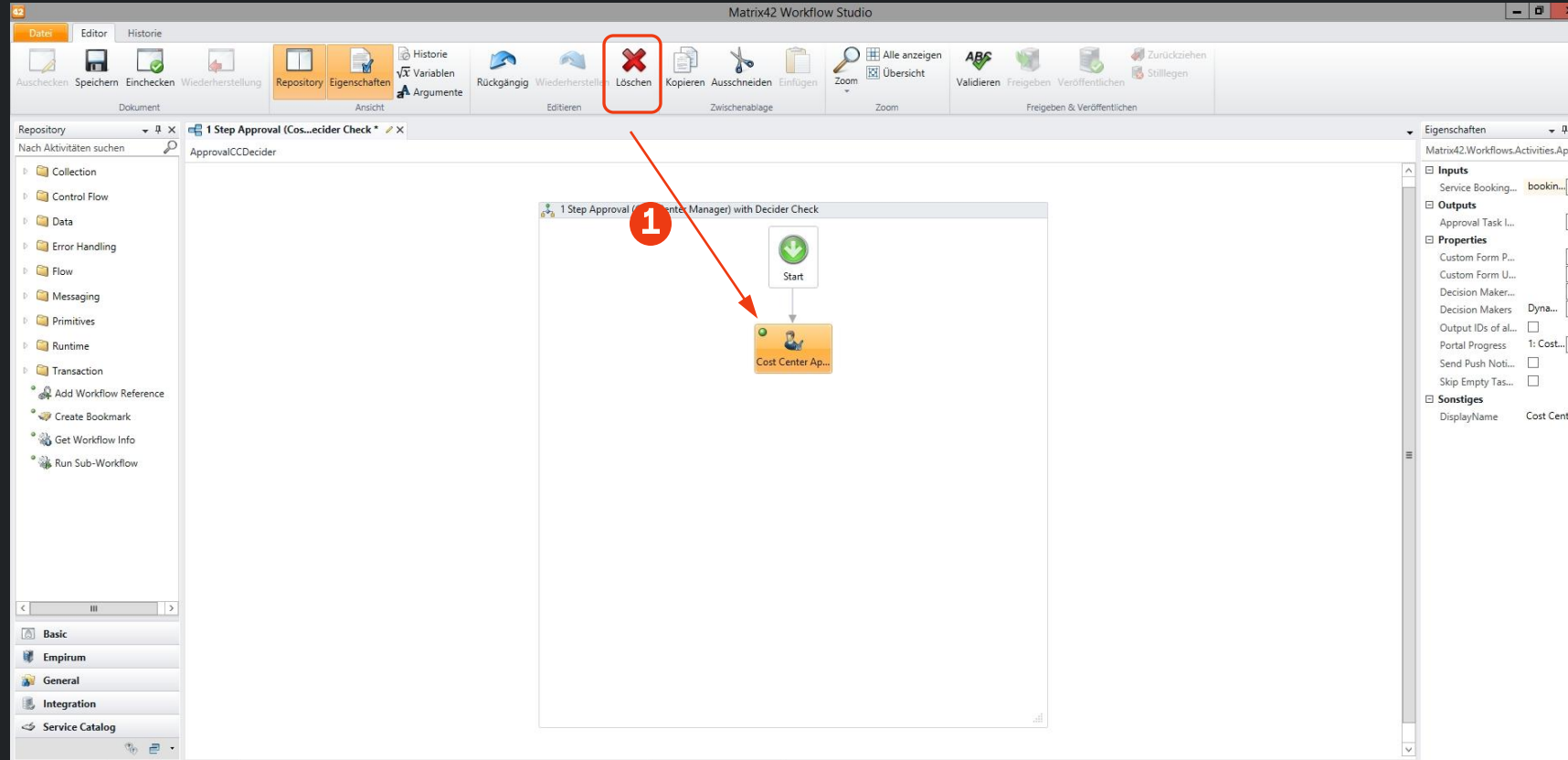
Name	Richtung	Argumenttyp	Standardwert
bookingIds	Ein	Guid[]	VB-Ausdruck eingeben

Argument erstellen

1

Wird bei der Ansicht Argumente ausgewählt, werden alle Argumente des aktuellen Workflows aufgelistet

... [Cost Center Approval] löschen



... Variable `[bookingIds(0)]` hinzufügen

The screenshot displays the Matrix42 Workflow Studio interface. The main workspace shows a workflow diagram with a 'Start' node and a 'Get Order Data' node. A 'Select Variable' dialog box is open, allowing the user to choose a variable for the 'Get Order Data' node. The dialog has two tabs: 'Select Variable' and 'Type Expression'. The 'Type Expression' tab is selected, and the expression `bookingIds(0)` is entered in the text field. The 'OK' button is highlighted. The 'Repository' pane on the left shows the 'Get Order Data' activity. The 'Eigenschaften' (Properties) pane on the right shows the properties of the 'Get Order Data' activity, with the 'Service Booking ID' property highlighted. The workflow diagram is titled '1 Step Approval (Cost Center Manager) with Decider Check'.

1. Repository: get order data

2. Get Order Data

3. Service Booking ID

4. Type Expression

5. bookingIds(0)

6. OK

...eine neue Variable `[CostCenterId(0)]` hinzufügen

The screenshot displays the Matrix42 Workflow Studio interface. The main window shows a workflow diagram with a 'Start' node and a 'Get Order Data' node. A 'Select Variable' dialog box is open, prompting the user to 'Select Variable of Type : Guid'. A 'Create new variable' dialog box is also open, with 'CostCenterId' entered in the 'Enter variable name' field. The 'Repository' pane on the left shows 'get order data' and 'Get Order Data'. The 'Eigenschaften' (Properties) pane on the right shows the 'Matrix42.Workflows.Activities.GetOrderData' activity, with 'Cost Center' highlighted in the 'Output' section. Red circles with numbers 1 through 4 indicate the steps: 1. Select 'Get Order Data' in the Repository; 2. Click 'Create Variable' in the 'Select Variable' dialog; 3. Click 'Create new variable' in the 'Create new variable' dialog; 4. Enter 'CostCenterId' in the 'Enter variable name' field.

Matrix42 Workflow Studio

Repository: get order data, Get Order Data

1 Step Approval (Cos...ecider Check * X)

ApprovalCCDecider

Select Variable

Returns fragment ID of the Booking Cost Center

Select Variable of Type : Guid

Search object

Create new variable

Enter variable name

CostCenterId

OK, Cancel

Start

Get Order Data

Eigenschaften

Matrix42.Workflows.Activities.GetOrderData

Input: Service Booking ID

Output: Booking Service Name, Comment, Cost Center, Delivery Address City, Delivery Address Country, Delivery Address Street, Delivery Address Zip Code, Delivery Location, Delivery Recipient, Order, Order Form, Order Total Amount, Order Type, Recipient, Recipient Name, Requestor, Requestor Name, Service Booking Form, Service Form, Status, Submitted Date

Sonstiges: DisplayName, Get Order Data

... die neue Variable der Datendefinition [SPSCostCenterClassBase] zuweisen

The screenshot displays the Matrix42 Workflow Studio interface. The main window shows a workflow diagram with a 'Start' node, a 'Get Order Data' node, and a 'Get CostCenter...' node. The 'Get CostCenter...' node is highlighted with a red circle 2.

Numbered annotations (1-9) indicate the following steps:

1. Select 'get single record data' in the Repository.
2. Select the 'Get CostCenter...' activity in the workflow diagram.
3. Select 'Data Definition' in the Properties window.
4. Select 'SPSCostCenterClassBase' in the 'Data Definition' field of the 'Configure Get Data activity' dialog.
5. Click the 'Where Expression' button in the 'Configure Get Data activity' dialog.
6. Select 'ID' in the 'Data Definition' list of the 'Edit Where Expression' dialog.
7. Enter the expression 'ID = @ID' in the 'Expression' field of the 'Edit Where Expression' dialog.
8. Select 'ID' in the 'Parameters' table of the 'Edit Where Expression' dialog.
9. Click the 'OK' button in the 'Edit Where Expression' dialog.

... Entscheidung hinzufügen und definieren

The screenshot displays the Matrix42 Workflow Studio interface. The main workspace shows a workflow diagram titled "1 Step Approval (Cost Center Manager) with Decider Check". The workflow consists of the following steps:

- Start (Green circle with a downward arrow)
- Get Order Data (Yellow rectangle)
- Get CostCenter... (Yellow rectangle)
- Decision (Yellow diamond, labeled with a red circle 2)

On the left, the "Repository" pane shows the "decision" category selected, with "FlowDecision" listed below it (labeled with a red circle 1).

On the right, the "Eigenschaften" (Properties) pane for "System.Activities.Statements.FlowDecision" is visible. Under the "Sonstiges" (Miscellaneous) section, the "Condition" property is highlighted (labeled with a red circle 3). Below it, the "FalseLabel" and "TrueLabel" properties are listed.

Below the Properties pane, the "Ausdrucks-Editor" (Expression Editor) dialog is open. It shows the "Condition (Boolean)" field with the text "CostCenterManagerID=Guid.Empty" entered (labeled with a red circle 4). The "OK" and "Abbrechen" (Cancel) buttons are at the bottom (labeled with a red circle 5).

... Input und Variable für den ServiceApproval erstellen

The screenshot displays the Matrix42 Workflow Studio interface. The main workspace shows a workflow diagram with the following steps: Start, Get Order Data, Get CostCenter..., and a Decision diamond. The Decision diamond is connected to a Service Approval activity via a 'with Decider' connector. The Service Approval activity is highlighted with a red circle and the number 2.

A 'Select Variable' dialog box is open, showing the 'Select Variable of Type : Guid[]' section. The variable 'bookingIds' is selected and highlighted with a red circle and the number 4. The 'Type Expression' section is also visible, with a text input field labeled 'VB-Ausdruck eingeben' and a red circle with the number 5.

The 'Repository' pane on the left shows the 'Service Approval' activity selected, highlighted with a red circle and the number 1.

The 'Eigenschaften' (Properties) pane on the right shows the 'Inputs' section with 'Service Booking IDs' selected, highlighted with a red circle and the number 3.

The bottom left corner of the image features the Matrix42 logo.

... den Kostenstellen Manager als Entscheider hinzufügen

The screenshot displays the Matrix42 Workflow Studio interface. A 'Select Related Object' dialog box is open, showing the configuration for a 'Decision Maker' role. The dialog has four numbered red circles indicating key steps:

- 1**: In the 'Eigenschaften' (Properties) panel on the right, the 'Decision Maker Roles' section is expanded, and 'Decision Makers' is selected.
- 2**: In the 'Select Related Object' dialog, the 'Attribute: Decision Makers' is selected, and the 'Dynamic' radio button is chosen.
- 3**: The 'Custom Expression' field contains the expression: `RelatedSVCSserviceBookingClassBase.T(SPSCommonClassBase).CostCenter.Administrator`.
- 4**: The 'Add' button next to the 'Custom Expression' field is highlighted.

The background workflow diagram shows a 'Decision' node (yellow diamond) connected to a 'Service Approval' node (orange rectangle) via a connector labeled 'with Decider'.

... den Kostenstellen Manager als Entscheider hinzufügen

Matrix42 Workflow Studio

Repository: service

Service Approval

Select Related Object

Attribute: Decision Makers Base-Cl: SVCServiceBookingType

☐ Static ☒ Dynamic ☐ Variable Filter Expression

Select a related object

- SPSCommonClassBase
- SPSRatingClassBase
- SVCServiceBookingClassBase

Custom Expression

RelatedSVCServiceBookingClassBase.T(SPSCommonClassBase).CostCenter.Delegators.ID

Selected Expressions

- RelatedSVCServiceBookingClassBase.T(SPSCommonClassBase).CostCenter.Administrator

Clear OK Cancel

Decision with Decider Service Approval

Eigenschaften

Matrix42.Workflows.Activities.Approval.ServiceApprovalActivity

- Inputs: Service Booking IDs bookingIds
- Outputs: Approval Task IDs
- Properties: Custom Form Page, Custom Form UUX, Decision Maker Roles, Decision Makers, Output IDs of all created Tasks, Portal Progress, Send Push Notification, Skip Empty Task Creation
- Sonstiges: DisplayName Service Approval

... als Fortschritt den Kostenstellen Entscheider definieren, der im Portal angezeigt werden soll

The screenshot displays the Matrix42 Workflow Studio interface. The main workspace shows a workflow diagram titled "1 Step Approval (Cost Center Manager) with Decider Check". The workflow consists of the following steps:

- Start (Green arrow icon)
- Get Order Data (Yellow document icon)
- Get CostCenter... (Yellow document icon)
- Decision (Yellow diamond icon)
- Service Approval (Yellow document icon)

The "Decision" step is connected to the "Service Approval" step via a connector labeled "with Decider".

On the right side, the "Eigenschaften" (Properties) panel is open, showing the properties for the "ApprovalCCDecider" activity. The "Portal Progress" property is highlighted with a red box and labeled with a red circle "1".

Below the main workspace, the "Define Portal Progress" dialog is open. It contains a table with the following data:

Position	Icon	DisplayName
1	Person icon	Cost Center Decision Maker

The dialog also features "Add", "Remove", "OK", and "Cancel" buttons. A red circle "2" is placed next to the "Cost Center Decision Maker" entry, and a red circle "3" is placed next to the "OK" button.

... Aktivität mit entsprechendem Namen versehen

The screenshot displays the Matrix42 Workflow Studio interface. The main workspace shows a workflow diagram titled "1 Step Approval (Cost Center Manager) with Decider Check". The workflow consists of the following steps:

- Start**: A green circle with a downward arrow.
- Get Order Data**: A yellow rectangle with a document icon.
- Get CostCenter...**: A yellow rectangle with a document icon.
- Decision**: A yellow diamond.
- Cost Center Ap...**: A yellow rectangle with a person icon, connected to the Decision step via a connector labeled "with Decider".

The right-hand pane, titled "Eigenschaften", shows the properties for the selected activity, "Matrix42.Workflows.Activities.Approval.ServiceApprovalActivity". The "Sonstiges" (Miscellaneous) section is expanded, and the "DisplayName" property is highlighted with a red box and a red circle containing the number 1. The value for "DisplayName" is "Cost Center Approval".

Other visible properties include:

- Inputs**: Service Booking IDs (bookingIds).
- Outputs**: Approval Task IDs.
- Properties**: Custom Form Page, Custom Form UUX, Decision Maker Roles, Decision Makers (Dynamic: SVCServic...), Output IDs of all created Tasks, Portal Progress, Send Push Notification, Skip Empty Task Creation.

... Input und Variable für den ServiceApproval erstellen

The screenshot displays the Matrix42 Workflow Studio interface. The main workspace shows a workflow diagram for '1 Step Approval (Cost Center Manager) with Decider Check'. The workflow starts with a 'Start' node, followed by 'Get Order Data' and 'Get CostCenter...' nodes. A 'Decision' node follows, with two paths: 'without Deci...' leading to a 'Service Approval' activity (labeled 2), and 'with Decider' leading to a 'Cost Center Ap...' activity. A 'Select Variable' dialog box is open, showing a list of variables: 'bookingIds' (labeled 4), 'CostCenterID', and 'CostCenterManagerID'. The 'Type Expression' section is also visible (labeled 5). On the right, the 'Eigenschaften' (Properties) panel shows the 'Inputs' section with 'Service Booking IDs' (labeled 3) and the 'Outputs' section with 'Approval Task IDs'. The 'Properties' section includes 'Custom Form Page', 'Custom Form UUX', 'Decision Maker Roles', 'Decision Makers', 'Output IDs of all created Tasks', 'Portal Progress', 'Send Push Notification', and 'Skip Empty Task Creation'. The 'Sonstiges' (Miscellaneous) section includes 'DisplayName' set to 'Service Approval'.

1. Repository: service

2. Service Approval activity

3. Service Booking IDs (Input)

4. bookingIds (Variable)

5. Type Expression (VB-Ausdruck eingeben)

... Person als Entscheider hinzufügen

The screenshot shows the Matrix42 Workflow Studio interface. A 'Select Related Object' dialog is open, displaying a list of decision makers. The 'Attribute: Decision Makers' section is active, and the 'Base-Cl: SVCServiceBookingType' is selected. The 'Static' radio button is chosen. The list of objects includes Prins, Ruben; Ross, Rainer; Semichev, Alexander; Service Account, Matrix42; Simpson, Stephan; Stanley, Jane; SYSTEM; Tober, Tim (checked); Valentine, Vince; and Vonnal, Viktor. The 'Tober, Tim' entry is highlighted with a red box and a red circle with the number 2. Below the list, there is a red circle with the number 3. The 'OK' button is visible. The background shows a workflow diagram with a 'Service Approval' task, a 'Decision' diamond, and a 'Cost Center Ap...' task. The 'Eigenschaften' panel on the right shows the properties of the selected activity, including 'Inputs', 'Outputs', 'Properties', and 'Sonstiges'. The 'Decision Maker Roles' property is highlighted with a red box and a red circle with the number 1.

Matrix42 Workflow Studio

Repository: service

Service Approval

Select Related Object

Attribute: Decision Makers Base-Cl: SVCServiceBookingType

Static Dynamic Variable Exp

Select a static object Search object

☐ Prins, Ruben

☐ Ross, Rainer

☐ Semichev, Alexander

☐ Service Account, Matrix42

☐ Simpson, Stephan

☐ Stanley, Jane

☐ SYSTEM

☒ Tober, Tim

☐ Valentine, Vince

☐ Vonnal, Viktor

Clear OK Cancel

Service Approval

Decision

Cost Center Ap...

Eigenschaften

Matrix42.Workflows.Activities.Approval.ServiceApprovalActivity

Inputs

Service Booking IDs bookingIds

Outputs

Approval Task IDs

Properties

Custom Form Page

Custom Form UUX

Decision Maker Roles

Decision Makers

Output IDs of all created Tasks

Portal Progress

Send Push Notification

Skip Empty Task Creation

Sonstiges

DisplayName Service Approval

... als Fortschritt den Kostenstellen Entscheider definieren, der im Portal angezeigt werden soll

The screenshot displays the Matrix42 Workflow Studio interface. The main workspace shows a workflow diagram titled "1 Step Approval (Cost Center Manager) with Decider Check". The workflow starts with a "Start" node, followed by "Get Order Data" and "Get CostCenter...". A decision diamond labeled "Decision" follows, with two outgoing paths: "without Deci..." leading to a "Service Approval" task, and "with Decider" leading to a "Cost Center Ap..." task.

On the right side, the "Eigenschaften" (Properties) panel is open, showing the configuration for the "ApprovalCCDecider" activity. The "Portal Progress" property is highlighted with a red box and labeled with a red circle "1".

Below the main workspace, the "Define Portal Progress" dialog is open. It contains a table with the following data:

Position	Icon	DisplayName
1		Cost Center Decision Maker

The dialog also features "Add", "Remove", and navigation arrows at the bottom, along with "OK" and "Cancel" buttons. A red circle "2" is placed next to the "Cost Center Decision Maker" entry, and a red circle "3" is placed next to the "OK" button.

... neuen Workflow fertigstellen und einchecken

The screenshot displays the Matrix42 Workflow Studio interface. The main workspace shows a workflow diagram titled "1 Step Approval (Cost Center Manager) with Decoder Check". The workflow starts with a green arrow icon, followed by a decision diamond labeled "Decision". From the decision, two paths emerge: "without Deci..." leading to a "Service Approval" task, and "with Decoder" leading to a "Cost Center Ap..." task. A dialog box is overlaid on the workflow, asking: "Möchten Sie wirklich Workflow '1 Step Approval (Cost Center Manager) with Decoder Check' einchecken? Kommentar hinzufügen." The dialog has a text input field containing "WF Training" and two buttons: "Abbrechen" and "Einchecken".

Red circles with numbers 1 through 4 highlight the following steps:

1. The "Einchecken" button in the top toolbar.
2. The "WF Training" text input field in the dialog box.
3. The "Einchecken" button in the dialog box.
4. The "freigeben" button in the top toolbar.

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THANK YOU

