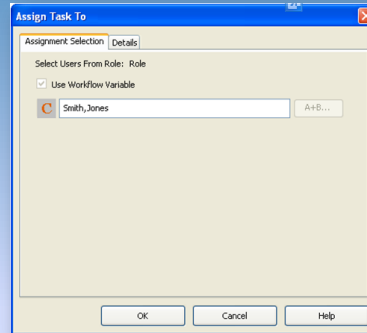**FUJITSU**

JAVA ACTIONS

Java Actions – Server Actions

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- Assign Task To User
- Assign Task to Performer of Completed Activity
- Escalate Task
- Evaluate Script
- Get Performer
- Get Process Initiator
- Make Choice
- Set Activity Priority
- Set Assignee From Relationship
- Set Process Instance Name
- Set Process Instance Priority
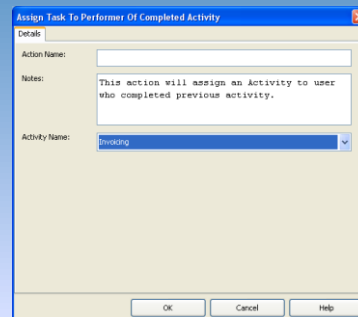- Set Process Instance Description
- UDA Assignment

Assign Task To User

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- Assign task to user or users at runtime (dynamic task assignment)

- Assign using
  - Comma separated list of users
  - UDA
  - Java script

- *Note:*
  - *Can assign the activity only to users within the Role to which the activity is currently assigned*
  - *User must exist in the system, or node will go to error state.*

image id="1" />

Interstage BPM v11.2   3   Copyright © 2010 FUJITSU LIMITED

Assign Task to Performer of Completed Activity

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- Assign task to user who completed previous task.
- User from any of the completed activity can be used for assignment.

- Assign using
  - Select the name of completed activity from dropdown.

- *Note*
  - *Can assign the activity only to users within the Role to which the activity is currently assigned*

image id="2" />

Interstage BPM v11.2   4   Copyright © 2010 FUJITSU LIMITED

Set Assignee From Relationship

- Assign task based on relationship e.g. "*manger of the user who completed previous task*"

- Relationship source
  - Relation ("manager") with user of previous activity
  - Relation with username in the UDA

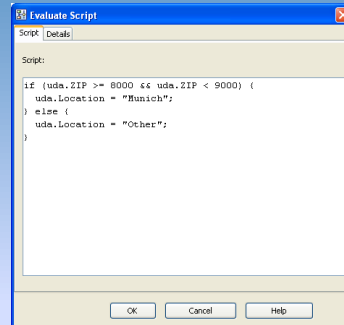| Source	Relationship	Target
Jim	Manager	Robert
Fujitsu	Executive	Bob

- *Note*
  - *Relationship mappings should be stored as user profiles in the Directory Service or local user store, where the source value is a user ID, relationship is a user attribute name, and target value is a user attribute value*

Escalate Task

- Escalate task to another user if SLAs are violated.

- Same assignment option as "Assign Task to User" action.

- *Note:*
  - *Can be used in an Activity, Voting and Compound node*
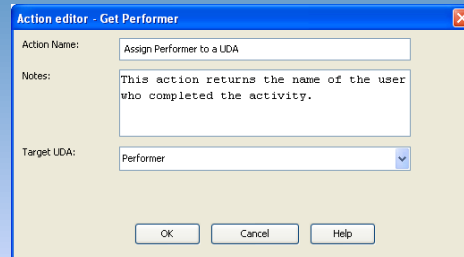 - *can be used only as Due Date and Timer's Timer Action*

Evaluate Script

- Execute a JavaScript function
- Can be used to change UDA values or perform other BPM actions.

- Example:
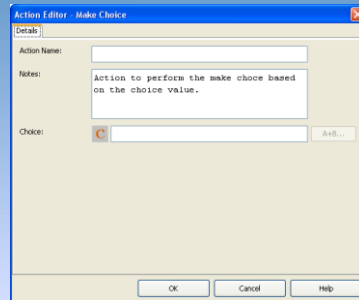 - Change value of *Location* UDA based on *ZIP* UDA value

Evaluate Script

Script | Details

Script:

```
if (uda.ZIP >= 8000 && uda.ZIP < 9000) {
  uda.Location = "Munich";
} else {
  uda.Location = "Other";
}
```

OK   Cancel   Help

Get Performer

- identify the user who completed the task
- Assign the user name to a process UDA

- *Note:*
  - *Can be used only as an epilogue action in Activity, Voting and Compound node*
  - *Can be used to get the performer of the current node (node it's assigned to) only*

Action editor - Get Performer

Action Name: Assign Performer to a UDA

Notes: This action returns the name of the user who completed the activity.

Target UDA: Performer

OK   Cancel   Help

Make Choice

- ■ Make choice on nodes automatically in case SLAs are violated.

- ■ Choice name can be typed in or assigned from a UDA or script

- ■ *Note:*
  - ■ *Can be used only in Activity, Voting and Compound node*
  - ■ *Can be used only as Timer action for Due Dates and Timers*

Other Server Actions

- ■ Get Process Initiator
  - ■ Assign the user name, who started current process instance, to a UDA.

- ■ Set Activity Priority
  - ■ Assign/Change priority of activities
  - ■ *Available for Activity, Voting and Compound Nodes*
  - ■ *Can be used only as a Prologue Action*

- ■ Set Process Instance Priority
  - ■ Assign/Change priority of activities
  - ■ Constant, UDA or script can be used for assignment
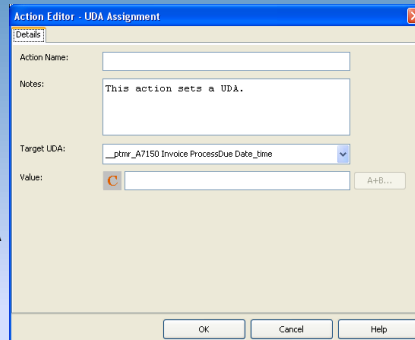 - ■ *Values should be integer or long*

Other Server Actions

- Set Process Instance Name
  - Change/Set the name of Process Instance
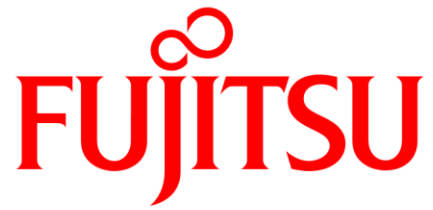 - UDA, Constant or script can be used to assign the name

- Set Process Instance Description
  - Change/Set the name of Process Instance description
  - UDA, Constant or script can be used for assigning the value

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UDA Assignment

- Assign/change UDA value

- Assignment Option
  - Select target UDA from drop down
    - Assign constant value
    - Assign value from another (source) UDA
    - Assign value from script

- *Note*
  - *Data type of source UDA or the source data must be compatible with the data type of Target UDA*

Action Editor - UDA Assignment

Details

Action Name:

Notes: This action sets a UDA.

Target UDA: __ptmr_A7150 Invoice ProcessDue Date_time

Value: C

A+B...

OK   Cancel   Help

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shaping tomorrow with you