

Lesson 4 Writing Gosu Rules

As a developer, you must configure ClaimCenter's behavior to match the business logic of a specific insurer.

Gosu rules are a flexible way to configure many different behaviors in the Claim life cycle.

4.1 Create a claim exception rule

Succeed Insurance requires a coroner's report if a fatality has occurred on a Workers Comp claim.

To implement this, an activity to get the coroner's report must be assigned to the user with primary responsibility for the claim.

Prerequisites

For this exercise, you will use ClaimCenter, Guidewire Studio, and a supported web browser.

ClaimCenter Server should be running in debug mode when you start the exercise.

The default URL for ClaimCenter is **`http://localhost:8080/cc/ClaimCenter.do`**.

Exercise 1: Create a claim exception rule

Cookbook Recipe

Steps to create a new rule.

1. **Navigate to the appropriate Rule Set and create a new Rule.**
18. **Set the Rule Condition.**
19. **Set the Rule Action.**



Tip

How can I write the code for these rules?

Some Gosu features that might be useful to you:

- ☐ Activity has a method `assign(Group, User)`.
- ☐ You can find the Activity Pattern you created by using `ActivityPattern.finder.getActivityPatternByCode(code)`.



Exercise

1. Create a new Activity Pattern.

- a) Log in to ClaimCenter as **su/gw**.
- p) Navigate to **Administration** ▢ **Business Settings** ▢ **Activity Patterns**.
- q) Create a new Activity Pattern.
- r) Call the Activity Pattern **Require coroner's report when a fatality occurs**.
- s) Set its Category to Reminder and its Priority to **Urgent**.
- t) Set its Code to **get_coroner_report_Ext**.
- u) Have the activity escalate if it is not completed in **3 business days**.
- v) Set other properties as appropriate and click **Update**.
- w) Log out of ClaimCenter.

20. Create the new Rule.

- a) Guidewire Studio, navigate to the Claim Exception Rules.
- x) Create a Claim Exception Rule called **CER01010 – WC Fatality**.
- y) Place it immediately below CER01000 – Setting SIU Life Cycle State.

21. Set the Rule Condition.

- a) What are the conditions required to activate the rule?

(Hint: There are two conditions.)

- z) Code each of these conditions as a Gosu statement returning a Boolean value.
- aa) Place the Gosu statements in the **return** clause, joined by as many **ands** as necessary.

22. Set the rule actions.

- a) What is the Rule supposed to do?

- b) Write Gosu code that accomplishes this.

Test Procedure

1. **Start (or restart) the ClaimCenter server in Debug mode.**
2. **Log in to ClaimCenter as aapplegate/gw.**
3. **Create a Workers' Compensation claim including a fatality. Assign it to aapplegate.**
4. **Log out, then log in as su/gw.**
5. **Type Alt-Shift-T.**
6. **Locate the Claim Exception batch process and click Run.**
7. **Log out, then log in as aapplegate/gw.**
8. **In the Workplan, verify that a "Require coroner's report" Activity appears.**



Stop

4.2 Solutions

Solution 1: Create a claim exception rule

1. Create a new Activity Pattern.

- Log in to ClaimCenter as **su/gw**.
- Navigate to **Administration** > **Business Settings** > **Activity Patterns**.
- Create a new Activity Pattern.
- Call the Activity Pattern **Require coroner's report when a fatality occurs**.
- Set its Category to Reminder and its Priority to **Urgent**.
- Set its Code to **get_coroner_report_Ext**.
- Have the activity escalate if it is not completed in **3 business days**.
- Set other properties as appropriate.

Activity Pattern Detail - Require coroner's report when a fatality occurs				Up to Activity Patterns
Activity Pattern		Activity Pattern Dates		
Subject	Require coroner's report when a fatality occurs	Target days	3	
Short Subject		Target hours		
Class	Task	Target start point	Activity creation date	
Type	General	Include these days	Business days	
Category	Reminder	Business calendar type	Company Holidays	
Code	get_coroner_report_Ext	Escalation days		
Priority	Normal	Escalation hours	3	
Mandatory	No	Escalation start point	Activity creation date	
Calendar Importance	High	Include these days	Business days	
Claim loss type		Business calendar type	Company Holidays	

- Log out of ClaimCenter.

23. Create the new Rule.

- In Guidewire Studio, navigate to the Claim Exception Rules.
- Create a Claim Exception Rule called **CER01010 – WC Fatality**.
- Place it immediately below CER01000 – Setting SIU Life Cycle State.

24. Set the Rule Condition.

- a) What are the conditions required to activate the rule?

(Hint: There are two conditions.)

The Claim Fatality indicator field must not be null.

The Policy Type must be Workers' Compensation.

- b) Code each of these conditions as a Gosu statement returning a Boolean value.
c) Place the Gosu statements in the return clause, joined by as many ands as necessary.

```
3  CONDITION (claim : entity.Claim):  
7  return  
8  claim.FatalityClaimIndicator != null  
9      and  
10 claim.Policy.PolicyType == PolicyType.TC_WORKERSCOMP  
11
```

25. Set the rule actions.

- a) What is the Rule supposed to do?

Create an activity of type get_coroner_report and assign it to the user assigned to the claim.

- b) Write Gosu code that accomplishes this.

```
12 ACTION (claim : entity.Claim, actions : gw.rules.Action):  
17 var pat = ActivityPattern.finder.getActivityPatternByCode(  
18     "get_coroner_report_Ext")  
19 var act = claim.createActivityFromPattern(null, pat)  
20 var theUser = claim.AssignedUser  
21 var theGroup = claim.AssignedGroup  
22 act.assign(theGroup, theUser)  
23 END
```

Test Procedure

1. **Start (or restart) the ClaimCenter server.**
2. **Log in to ClaimCenter as aapplegate/gw.**
3. **Create a Workers' Compensation claim including a fatality. Assign it to aapplegate.**
4. **Log out, then log in as su/gw.**

5. Type **Alt-Shift-T**.
6. Locate the **Claim Exception batch process** and click **Run**.

Batch Process Info

Processes Refresh Download Suspend Scheduler Default					
Batch Process	Description	Action			Last
Activity Escalation	Activity escalation monitor	Run	Stop	Download History	03/
Aggregate Limit Calculations	Aggregate limit calculations	Run	Stop	Download History	
Archive Reference Tracking Sync	Ensures that, as long archive reference tracking is enabled, that the archive document references table is in sync with the archive store.	Run	Stop	Download History	
Bulk Invoice Escalation	Escalate Bulk Invoices from Awaiting-submission status to Requesting status	Run	Stop	Download History	03/
Bulk Invoice Submission	Processes bulk invoice items for bulk invoice submission.	Run	Stop	Download History	
Bulk Invoice Workflow Monitor	Transitions invoices from PendingInvoiceItemValidation status to 'AwaitingSubmission' or 'InvalidInvoiceItems' status once the invoice is ready	Run	Stop	Download History	03/
BulkPurge	Purge records through table updates	Run	Stop	Download History	03/
Catastrophe Claim Finder	Finds possible claims related to a catastrophe and creates a 'Review for Catastrophe' activity on the claim.	Run	Stop	Download History	03/
Claim Exception	Claim exception monitor	Run	Stop	Download History	03/

7. Log out, then log in as aaplegate/gw.
8. Navigate to the WC claim you created.
9. In the Workplan, verify that a “Require coroner’s report” Activity appears.

All open activities						
<input type="checkbox"/>	Due	Priority	Status	Subject	Exposures	External
<input type="checkbox"/>	★ 03/02/2018	Urgent	Open	3-point contact - Employer		No
<input type="checkbox"/>	★ 03/02/2018	Urgent	Open	3-point contact - Employee		No
<input type="checkbox"/>	★ 03/02/2018	Urgent	Open	3-point contact - Medical Provider	(1) Medical Details	No
<input type="checkbox"/>	★ 03/04/2018	Urgent	Open	Require coroner's report when fatality occurs.		No
<input type="checkbox"/>	★ 03/08/2018	High	Open	Determine compensability		No