

# Learner's guide to Program Notifications

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***Perform Exercise 1 within the "DEMO" system.***

***Perform Exercise 2 and 3 with the "CUSTOMIZE" system***

## What is this guide?

This guide contains all ungraded exercises and detailed steps to perform them related to program access levels for the Tracker Config Level 1 academy. Please perform each of the exercises when prompted to by your instructors

## Learning objectives for this session

The overall objective of this session is to describe the usage of building and using program reminders in DHIS2. Detailed objectives include:

- Describe what program notifications are
- Identify when to use reminders
- Create reminders at the program and program stage level
  - Understand how template messages populate when notifications are sent
  - Understand the different types of recipients that can be specified to receive notifications

## Exercise 1

Review a program level notification

PERFORM THIS EXERCISE in the DEMO system

Register a new person into the ANC program. Use your own email.

 Antenatal Care × ▼

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## Enrollment

Enrolling organisation unit	Crow Health Centre
ANC registration	2020-07-09

## Profile

Insurance Number	4654654
First Name	Kailey
Last name	Mckenzie
Age	24
Phone number	
E-mail	shurajitdutta@gmail.com
Village/Domicile	

[Save and continue](#) [Save and add new](#) [Print form](#)

[Cancel](#)

You should receive an email

**Trainingland - development instance message [No ...** 12:37 AM (1 minute ago) to ▼



Dear Kailey Mckenzie you are now enrolled in Antenatal Care at Crow Health Centre. Please keep track of your visit dates.

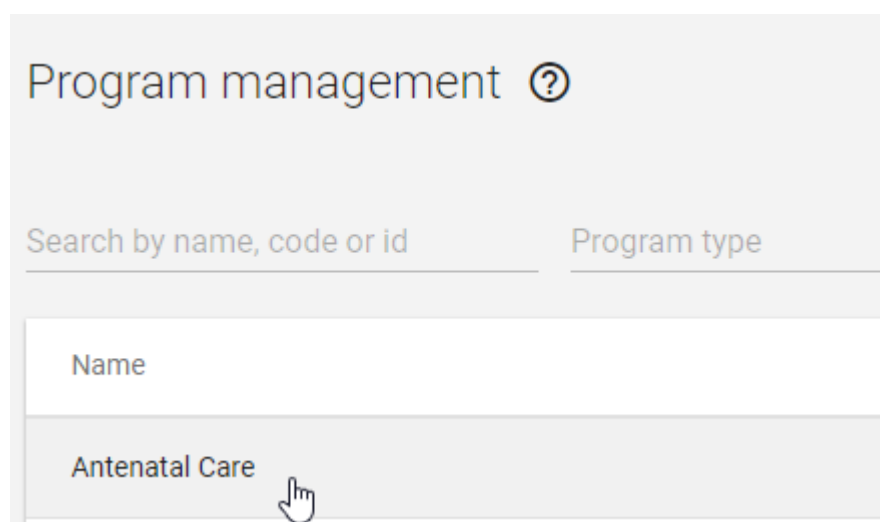
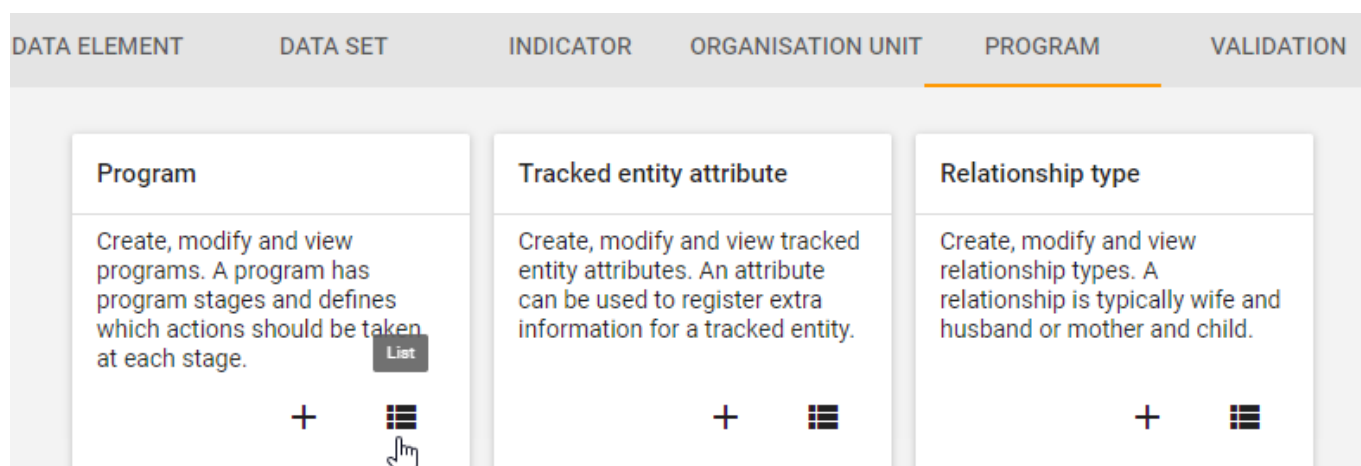
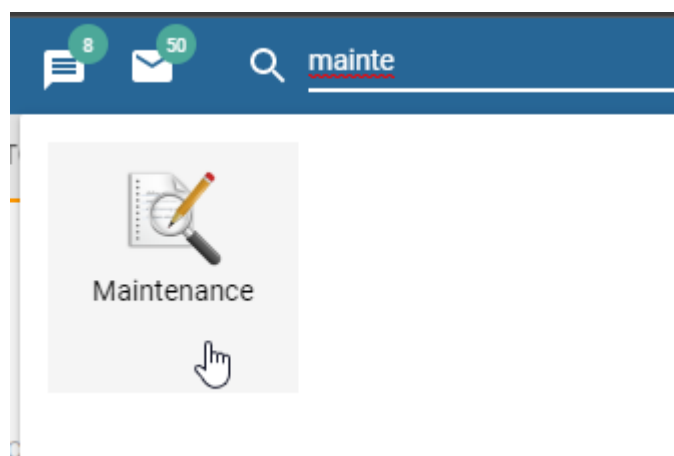
## Exercise 2

Configure the program notification

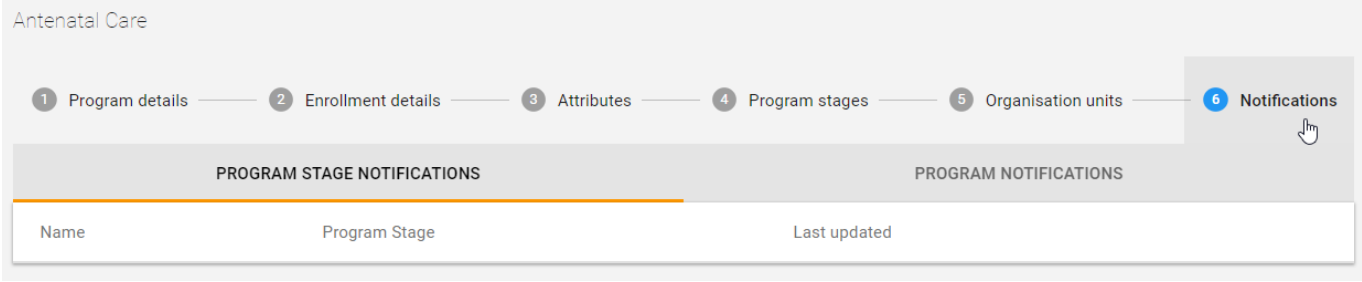
**PERFORM THIS EXERCISE in CUSTOMIZATION against the ANC program you have created**

Create a notification template for the ANC program created in the previous exercise that notifies the mother by e-mail that she is registered in the program.

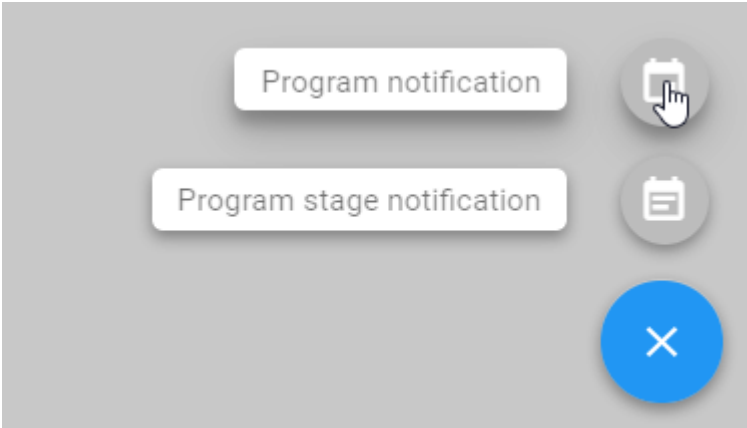
Log into the customize instance and go to Program maintenance



Select the Antenatal Care program then select "Notifications" from the top bar menu.



Click on "+" in order to add a new notification Program notification.



Enter the program notification name and enter the message details

# Program notification

## 1 What to send?

Name (\*)

Enrollment in ANC welcome message

Message template

Subject template

You are enrolled in Antenatal Care in V{org\_unit\_name}

Template variables

Program name

Message template

Dear A{MWAfuC7zPqm} A{zdtiJAfU7nF} you are now enrolled in V{program\_name} at V{org\_unit\_name}. Please keep track of your visit dates.

Organisation unit

Due date

Days since due date

Days until due date

Current date

The message window allows for customization of the reminders including parameters to personalize the message e.g adding the name (Last name) of the tracked entity, where they are registered (Orgunit) and when the appointment is due (due date).

==>Enter the message template **"Dear First name Last name you are now enrolled in the Program name program at Orgunit name"**

Specify when to send it

## 2 When to send it?

Notification trigger (\*)

Program enrollment

**NOTE:**

- Days scheduled allows for specifying the number of days after enrollment or incident date that the message is going to sent
- Program completion will only send the reminder when the enrollment is completed
- Program enrollment will send the reminder when a tracked entity is enrolled into the program

=>Select **Program enrollment**

Specify the recipients of the reminder

Explain the different recipients that are available (also explained in the presentation).

### 3 Who to send it to?

Tracked entity instance  
 Organisation unit contact  
 Users at Organisation Unit  
 User Group  
**Program attribute**

You will notice different fields pop-up depending on the recipient type that is selected. For example, if user group is selected then the different user groups available in DHIS2 will be available for selection.

You are now able to specify the program attribute that you want to send a message to. This allows you to, for example, send a different messages to different numbers using the same enrollment.

### 3 Who to send it to?

Notification recipient (\*)

Program attribute

Program attribute recipient

Antenatal Care E-mail

=>Select "**Program attribute**"

=>Select "**Antenatal care E-mail**"

This will send the message to the e-mail that is entered during enrollment.

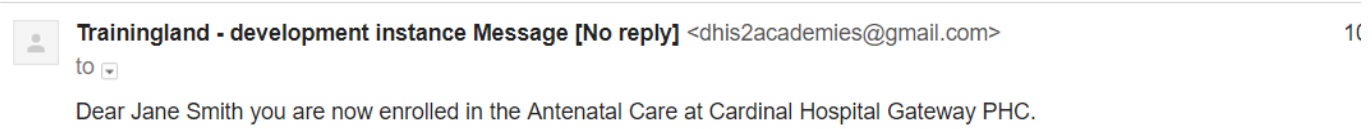
Save the reminder by clicking on Done than Save.

Test the program notification in tracker capture

Navigate to tracker capture and select an org unit at the facility level as well as the Antenatal Care program. Proceed to register a new mother.

After registration, check the email that you entered. You can show them the program notification has been sent.

[Trainingland - development instance] You are enrolled in ANC at Cardinal Hospital Gateway PHC



Exercise 3

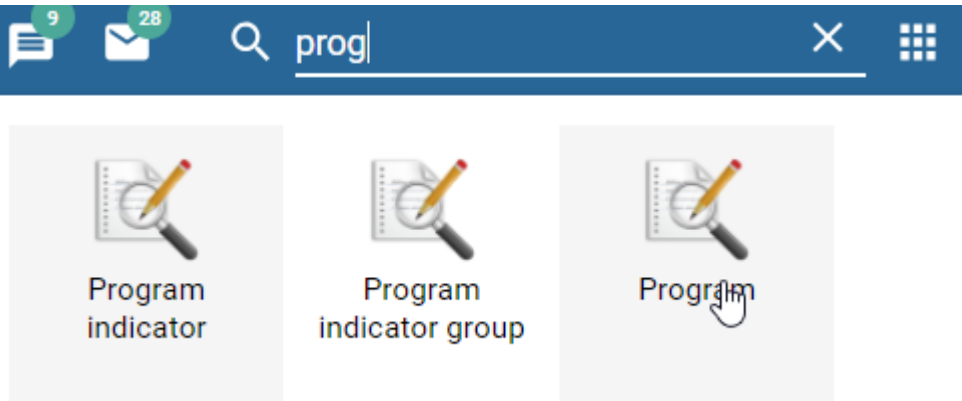
**PERFORM THIS EXERCISE in CUSTOMIZATION against the ANC program you have created**

Notification 2 : Creating a reminder based on program stage

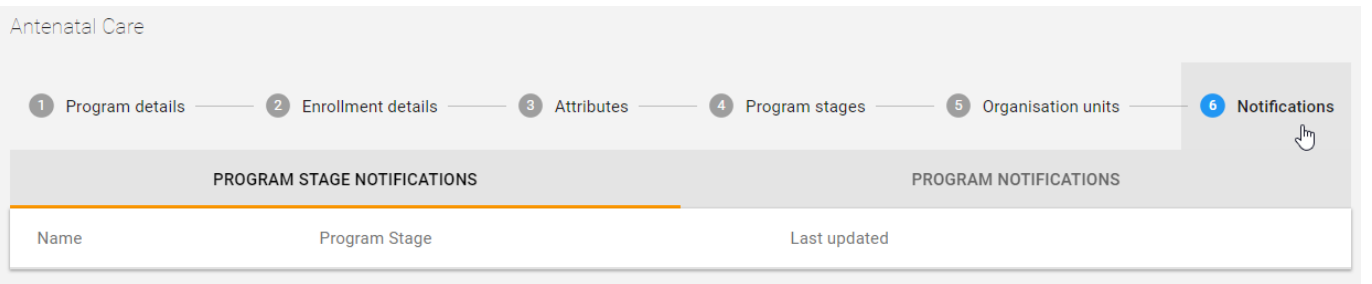
Notifications can also be set on within a program stage.

*In this demo part you will configure a template that will be used to send appointment reminders 2 days before the due date.*

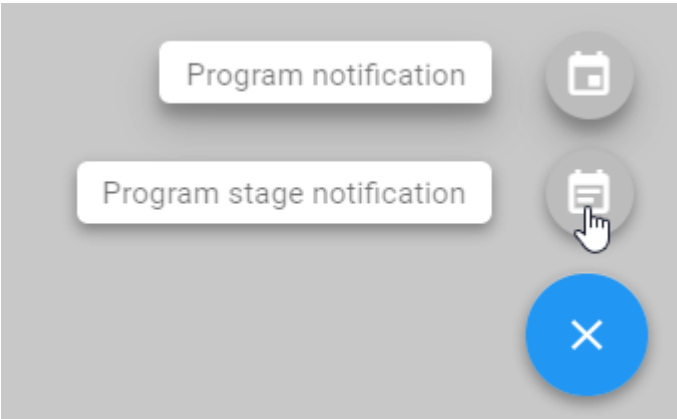
- 1. Log into the blank instance and go to Program app



- 2. Click on Program and select the Antenatal Care program. Select "Notifications" from the top bar menu.



- 3. Click on the "+" sign followed by Program stage notification



4. Create the message

Program stage notification

1

What to send?

Program stage

ANC visit

Name (\*)

ANC reminder: visit in 2 days

Message template

Subject template

Antenatal care clinic visit in 2 days

Message template (\*)

Dear A{sB1lHYu2xQT} A{OhGYnwya3jg}. You have an antenatal care visit scheduled in V{org\_unit\_name} on V{due\_date}. We look forward to your visit.

Template variables

Program name

Program stage name

Organisation unit

Due date

Days since due date

Days until due date

Current date

5. Decide when the message will be sent

2

When to send it?

Notification trigger (\*)

Days scheduled (due date)

Send notification

2

days

before

scheduled date

6. Specify the recipients



### 3 Who to send it to?

Notification recipient (\*)

Program attribute

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Program attribute recipient

Antenatal Care Phone number

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While not possible to show this reminder being sent, this example is to show participants how to create a schedule based notification when necessary.