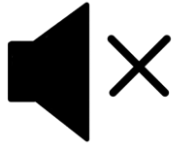


18 Mar, 2025

# Alternate Approach for Business Event when Reference 360 Codelist Changes

- Gourav Banerjee, Sr. Solutions Architect, CSA

# Housekeeping Tips



- Today's Webinar is scheduled for **1 hour**
- The session will include a webcast and then your questions will be answered live at the end of the presentation
- All dial-in participants will be muted to enable the speakers to present without interruption
- Questions can be submitted to "All Panelists" via the **Q&A option** and we will respond at the end of the presentation
- The webinar is **being recorded** and will be available on our [Success Portal](#) - where you can download the **slide deck** for the presentation. The link to the recording will be emailed as well.
- Please take time to complete the **post-webinar survey** and provide your feedback and suggestions for upcoming topics.

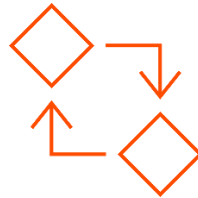
# Feature Rich Success Portal



**Bootstrap trial and  
POC Customers**



**Enriched Customer  
Onboarding  
experience**



**Product  
Learning Paths  
and Weekly  
Expert Sessions**



**Informatica  
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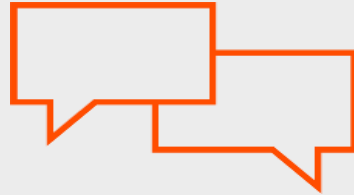
**Tailored training  
and content  
recommendations**

# More Information



## Success Portal

<https://success.informatica.com>



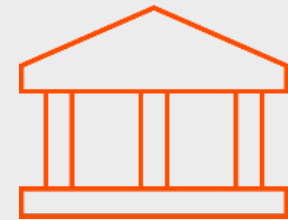
## Communities & Support

<https://network.informatica.com>



## Documentation

<https://docs.informatica.com>



## University

<https://www.informatica.com/in/services-and-training/informatica-university.html>

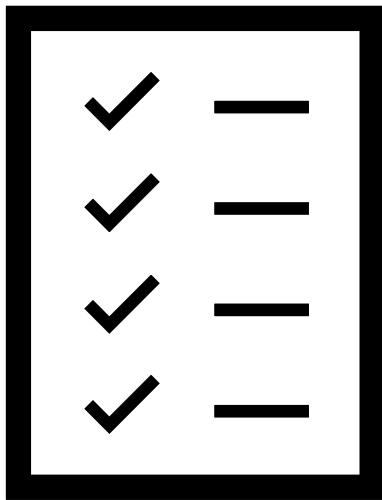
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# Agenda

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- Use Case Overview
- Implementation Approach
- Design Strategy
- Demo

# Use Case Overview

Unlike Customer 360, in Reference 360 we do not have any mechanism to trigger a job in case of a code value change. There have been instances where many of our customers would like to subscribe to the event of code values change in Ref 360. There is a section in Ref 360 to add the notification recipients but they are not useful in case of code value changes in the codelist.

# Implementation Approach

- This approach makes use of notification section users who subscribe to the codelist.
- The users may vary for different codelists. Thus this approach will never send the notification to the users who have not subscribed for the codelist.
- The notification will happen via email exchange. The details of the changes will be given in the same email.
- The job can be scheduled to run on an interval and it will pull any changes that have happened during then.
- This implementation will make use of a CAI process with a chain of API calls designed to capture the details of changes. The changes will then be formatted into forming an email.



# Design Strategy

The below algorithm would be implemented to capture the changes and form the email.

- Login into IDMC and fetch the Session ID.
- Set the from and to timestamp which would be used to capture the changes.
- Call the API to fetch codelist changes in the entire repository.
- Iterate through each codelist and capture the code values that changes within them using the audit trail API.
- Form the email body with the subject, recipients and body with the details captured.
- Check if the code values are exhausted. If not then continue the loop.
- Check if the codelists are exhausted. If not then continue the loop.
- Trigger the email.

# References

- Codelist modification: <https://docs.informatica.com/master-data-management-cloud/reference-360-saas/current-version/reference-360/reference-360-rest-api/codelists/get-modified-code-lists-by-time-range.html>
- Code Value modification Audit - <https://docs.informatica.com/master-data-management-cloud/reference-360-saas/current-version/reference-360/reference-360-rest-api/codelists/get-history-of-code-value-hierarchies-by-time-range.html>
- Capture Codelist Details - <https://docs.informatica.com/master-data-management-cloud/reference-360-saas/current-version/reference-360/reference-360-rest-api/codelists/get-code-list-details.html>

Demo