



FCM NOTIFICATION EXTENSION

Description

Firebase Cloud Messaging, formerly known as Google Cloud Messaging, is a cross-platform cloud solution for messages and notifications for Android, iOS, and Web applications, which currently can be used at no cost. The service is provided by Firebase, a subsidiary of Google. It will give you the luxury to inform your user in real time about the new email, task, activity or any other data to get notified. It works on the principle of down streaming messages from FCM servers to user's app and upstream messages from user's apps to FCM servers.

This extension can be used to send Push Notifications to the registered iOS, Android, Web(Javascript), C++ and Unity applications with the help of Firebase Cloud Messaging. After installing the module you can generate FCM Notifications based on Odoo Partners. This module works with an external python library "pyfcm"

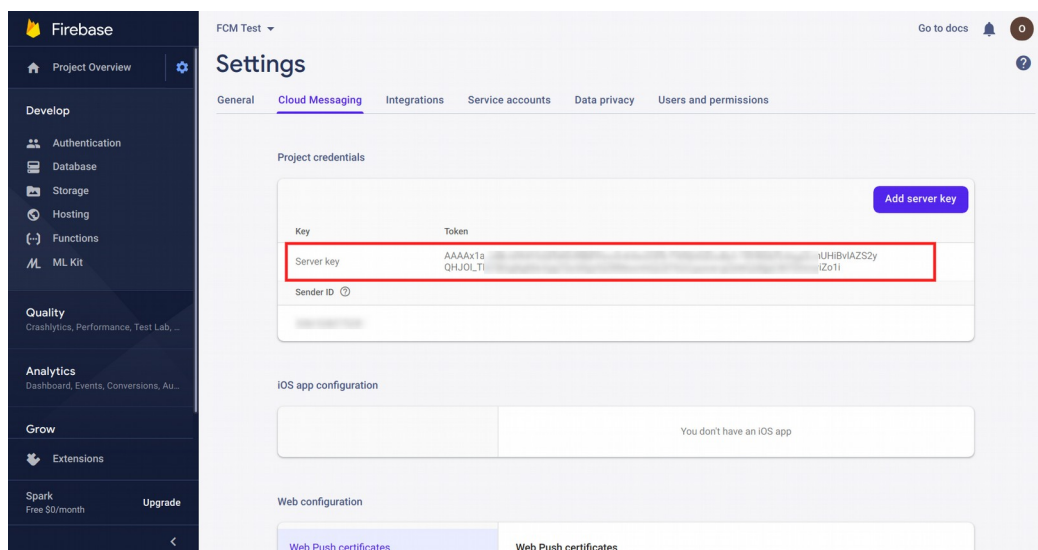
Screenshots (Files)

How to use

```
41 record.partner_id.generate_fcm_notification(message_title='Need Approval',
42                                           message_body='You have a new request to approve')
```

Firebase Configuration

Please refer [Firebase Cloud Messaging](#) for getting the FCM Server Key





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Odoo Backend Configuration

The screenshot shows the Odoo Settings interface. The top navigation bar includes 'Settings', 'Dashboard', 'Users & Companies', 'Translations', and 'General Settings'. The user is logged in as 'Mitchell Admin'. The left sidebar lists various modules: Sales, Invoicing, Payroll, Project, Timesheets, Employees, and General Settings. The main content area is titled 'Settings' and contains several sections: 'Business Documents' (Format: A4, Document Template), 'FCM Notifications' (Configuration: Server Key, FCM Testing), and 'Discuss' (Activities, External Email Servers). A red box highlights the 'Configuration' section under 'FCM Notifications', and a red arrow points to the 'FCM Testing' link.

Quick Testing

The screenshot shows the 'Quick Testing' interface in the Odoo Settings. The top navigation bar is the same as in the previous screenshot. The user is logged in as 'Mitchell Admin'. The main content area is titled 'YourCompany, Mitchell Admin' and contains a 'Test' button. A red arrow points to the 'Test' button. The interface also displays a message: 'Please Note that this partner should have a valid device registration token'. Below this message, there are fields for 'Partner' (YourCompany, Mitchell Admin), 'Message Title' (New Message), and 'Message Body' (New notification for you).

Please note that this will work only if you configured registration token against the corresponding partner as explained in the next step



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Partner Configuration

The screenshot displays the Odoo Contacts configuration interface for a contact named Mitchell Admin. The interface includes a header with 'Contacts' and 'Configuration' tabs, and a user profile section with 'Save' and 'Discard' buttons. The main configuration area is divided into several sections: 'Address' (with fields for Street, City, State, and ZIP), 'Job Position', 'Phone', 'Mobile', 'Email', 'Website', 'Title', 'Language', and 'Tags'. Below these fields, there are tabs for 'Contacts & Addresses', 'Internal Notes', 'Sales & Purchases', 'Invoicing', and 'FCM Device Tokens'. The 'FCM Device Tokens' section shows a long alphanumeric token and an 'Add a line' button.

Device Registration Token can be generated based on your end point technology (Web, Android, iOS, etc.). The method is different for different technologies. For more details, please go through [Firebase Cloud Messaging](#). You can find the documentation for different technologies separately.

Technical Requirements / Compatible With:

Technical Requirements: Odoo , Python library - pyfcm

Compatible with ODOO version 10, 11, 12 and 13

Change Log / Release Note

New extension for FCM Notifications