

NFC "Multiple NDEF records" application using M24SR

Data brief



- Bluetooth handover message: showing the connection status with the selected Bluetooth device
- SMS: sending a SMS to selected recipients
- E-mail: sending a mail to specified email-ids
- Geolocation: showing a geographical location on map
- Contacts: allowing user to write a new contact
- Telephone numbers: making a call to specified contact number

Description

The ST multiple NDEF records Android application for the M24SR NFC dynamic tag is a user friendly application based on NFC (Near Field Communication) technology that can read and write a NDEF message with multiple records having different formats such as simple Text, URL, Wi-Fi handover message, Bluetooth handover message, SMS, mail, geolocation, contacts and telephone number. NFC is a 13.56 MHz wireless technology based on ISO14443 standard which allows a communication between two devices by bringing them in close proximity.

This application can read and write different NDEF formats simultaneously on one NFC Tag by putting each format in a separate NDEF record within a single NDEF message.

Features

- Support multiple NDEF (NFC Data Exchange Format) records in read and write modes such as following ones:
 - Simple Text
 - Web site URL / URI
 - Wi-Fi handover message: connecting with a selected Wi-Fi network using Network SSID and Network Key

Table 1. Order code

Order code	Reference
STSW-M24SR004	Executable file
STSW-M24SR005	Source code

1 Revision history

Table 2. Document revision history

Date	Revision	Changes
16-Dec-2014	1	Initial release.

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