

How to create a form to send SMS messages

Please learn the basics on how to create a simple form with ConfiForms in Confluence here: [Creating a form in Confluence](#)

Here we start with quite a similar approach, but will add 2 fields: one to ask for a phone number and another field to input the message

We will add a validation rule to verify the message is not longer than 160 symbols

This is what we are about to build

Form: smsSender

SMS Sender

Phone number *

with country code, please

Message

max 160 characters

This is how the page looks like in the editor

ConfiForms Form (Definition) | formName = smsSender

ConfiForms Form Field Definition | fieldName = number | fieldL... - text field to input phone number

ConfiForms Form Field Definition | fieldName = message | field... - text area field to input sms message text

ConfiForms Rules for Field Definition | condition = message.asLengt... - field rule to validate the message length is not longer than 160 symbols

-- ConfiForms IFTTT rule to send SMS

ConfiForms IFTTT Integration Rules | event = onCreated | action = Send SMS | title = [entry.message] | who = [entry.number]

We have 2 fields definitions, we have a field definition rule to check the length of the message field and the IFTTT rule with action to send sms

Field definitions are simple

1. Text field

ConfiForms Field Definition macro configuration

Use this macro to define fields in the form (use it inside ConfiForms Form macro) [Documentation](#)

Field name *

Alphanumeric, only latin letters and/or numbers

Title

Field label / title

Required
☒

Field type *

Description

CSS

Custom CSS styles for the field

Save

Cancel

2. Text area field

ConfiForms Field Definition macro configuration

Use this macro to define fields in the form (use it inside ConfiForms Form macro) [Documentation](#)

Field name *

Alphanumeric, only latin letters and/or numbers

Title

Field label / title

Required
☐

Field type *

Description

CSS

Custom CSS styles for the field

Save

Cancel

Field definition rule is configured as follows

ConfiForms Rules for Field Definition

Use this macro to define rules for fields in the form (use it inside ConfiForms Form macro)

[Documentation](#)

Field name (or regular expression) *

Name of the field you want to track for changes (leave blank when you configure validation rules, as these rules are applied on form submit). Parameter supports regular expressions to affect multiple fields with the same rule

Condition

message.asLength:>160

Action will be executed when the condition is met. Same syntax expected as in filters. Empty value means - the condition matches everything. The scope is current entry/record (for dataset validation the scope is all records). You can reference current records fields via [entry.field_name]

Execute only on user action

☐

When checked, the rule will be executed ONLY on user's action (action is NOT executed when form is loaded), and this expects 'Field name' parameter to be specified

Action to execute *

Validation rule

Choose the action type to perform, see [more details on each action type in our documentation](#)

Validation rule

Message shall be shorter than 160

Regular Expression to use for fields input validation (when expression matches (or is EMPTY) a message will be shown)

Save

Cancel

And the final touch is the actual macro that sends SMS messages - this is configured using ConfiForms IFTTT macro, with action "Send SMS"

ConfiForms IFTTT Integration Rules macro configuration

IFTTT macro for ConfiForms.

Enables various integrations

[Documentation](#)

Event *

onCreated

Choose Action to perform *

Send SMS

Fire IFTTT action only when this condition/filter is met

If left empty then IFTTT action is always executed when an event is occurred. You can use [entry.FIELD_NAME] to reference values of the record. [Same syntax expected as in filters](#)

Message

[entry.message]

Could be constructed dynamically. You can reference record owner as [owner]; record modifier, as [modifier]; any record field as [entry.FIELD_NAME], you can reference page watchers as [watchers]

Recipients

[entry.number]

Record owner could be referenced as [owner], Record modifier, as [modifier]. To reference field value use: [entry.FIELD_NAME] You can put valid phone numbers (also multiple, as comma separated list). [entry.FIELD_NAME] could also resolve to a phone number (with country code!)

Sender

Sender phone or alphanumeric identifier/name. Can use references to field values [entry.FIELD_NAME] here

☐ Do not report error

When checked, if an IFTTT action results in an error it will NOT be reported back to ConfiForms, and next IFTTT (if any) will be executed. No IFTTT error is reported to the user

Set custom name for this action result (alphanumeric, no spaces)

When left blank, #{iftttResult_IDX} is

Save

Cancel

Storage format for the solution (includes ConfiForms FormView to render form and TableView to show the results)

```
<ac:structured-macro ac:name="conform" ac:schema-version="1" ac:macro-id="2934c7bf-a47d-499a-aa5f-7854f73fd02b">
  <ac:parameter ac:name="formName">smsSender</ac:parameter>
  <ac:rich-text-body>
    <p>
      <ac:structured-macro ac:name="conform-field-definition" ac:schema-version="1"
        ac:macro-id="da7fa001-4777-4114-acba-7a62bbcb1d0a">
```

```

        <ac:parameter ac:name="fieldName">number</ac:parameter>
        <ac:parameter ac:name="fieldLabel">Phone number</ac:parameter>
        <ac:parameter ac:name="fieldDescription">with country code, please</ac:parameter>
        <ac:parameter ac:name="type">text</ac:parameter>
        <ac:parameter ac:name="required">true</ac:parameter>
    </ac:structured-macro>
</p>
<p>
    <ac:structured-macro ac:name="confiorm-field-definition" ac:schema-version="1"
        ac:macro-id="eaca0b0b-93a0-4ea6-af70-6d5dca83aad0">
        <ac:parameter ac:name="fieldName">message</ac:parameter>
        <ac:parameter ac:name="fieldLabel">Message</ac:parameter>
        <ac:parameter ac:name="fieldDescription">max 160 characters</ac:parameter>
        <ac:parameter ac:name="type">textarea</ac:parameter>
    </ac:structured-macro>
</p>
<p><br/></p>
<p class="auto-cursor-target">
    <ac:structured-macro ac:name="confiorm-field-definition-rules" ac:schema-version="1"
        ac:macro-id="b7799af3-61bb-466d-8039-17bdb331bd15">
        <ac:parameter ac:name="condition">message.asLength:>160</ac:parameter>
        <ac:parameter ac:name="values">Message shall be shorter than 160 symbols</ac:parameter>
        <ac:parameter ac:name="action">Validation rule</ac:parameter>
    </ac:structured-macro>
</p>
<ac:structured-macro ac:name="confiorm-ifttt" ac:schema-version="1"
    ac:macro-id="0aa4edf3-439d-4f1a-81e5-09f2870c2049">
    <ac:parameter ac:name="action">Send SMS</ac:parameter>
    <ac:parameter ac:name="event">onCreated</ac:parameter>
    <ac:parameter ac:name="title">[entry.message]</ac:parameter>
    <ac:parameter ac:name="who">[entry.number]</ac:parameter>
    <ac:rich-text-body>
        <p><br/></p></ac:rich-text-body>
    </ac:structured-macro>
    <p class="auto-cursor-target"><br/></p></ac:rich-text-body>
</ac:structured-macro>
<p class="auto-cursor-target"><br/></p>
<ac:structured-macro ac:name="confiorm-entry-register" ac:schema-version="1"
    ac:macro-id="211183e7-61ce-4b0c-93e4-74af8f0e1776">
    <ac:parameter ac:name="overrideSaveButtonLabel">Send</ac:parameter>
    <ac:parameter ac:name="formName">smsSender</ac:parameter>
    <ac:parameter ac:name="formTitle">SMS Sender</ac:parameter>
    <ac:parameter ac:name="successMessage">Message has been sent</ac:parameter>
    <ac:rich-text-body>
        <p><br/></p></ac:rich-text-body>
    </ac:structured-macro>
    <p class="auto-cursor-target"><br/></p>
    <ac:structured-macro ac:name="confiorm-table" ac:schema-version="1" ac:macro-id="0e6128c2-e926-43bb-a21c-65ec6572b1c4">
        <ac:parameter ac:name="formName">smsSender</ac:parameter>
        <ac:rich-text-body>
            <p><br/></p></ac:rich-text-body>
    </ac:structured-macro>

```