

Koodi+ HTTP API

This document describes the Koodi+ HTTP API version 1 (v1).

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Sending messages

The Koodi+ HTTP API is an addendum to the Quriiri HTTP MT API v1 (available at <http://www.quriiri.fi/dokumentaatio>). This document describes only the things added on top of the Quriiri API, see its documentation for most of the details related to the whole API.

The URL to send HTTP requests to is available in the Koodi+ web UI.

Request parameters

The table below lists the parameters specific to the Koodi+ API, as well as any deviations or changed semantics of the ones specified in the Quriiri HTTP MT API. In addition to the ones listed here, all parameters of the Quriiri HTTP MT API are available.

Parameter name	Description
campaignkey	Key identifying the campaign for which to send the message. Campaign keys are displayed in the Koodi+ web UI.
sender	Same as in the Quriiri HTTP MT API, except optional in this API. If absent in request, the sender value configured for the campaign in the Koodi+ web UI is used.
text	Same as in the Quriiri HTTP MT API, except optional in this API, and supports the <code>#{code}</code> placeholder. If absent in request, the message template text configured for the campaign in the Koodi+ web UI is used. The <code>#{code}</code> placeholder can also be specified without the braces as <code>\$code</code> , and will be replaced by the code assigned to the recipient by Koodi+.
cr_firstname	Recipient first name, max 32 characters, optional. Multi-valued: array in JSON, set multiple times with form POST and GET.
cr_lastname	Recipient last name, max 32 characters, optional. Multi-valued: array in JSON, set multiple times with form POST and GET.
cr_email	Recipient email address, max 64 characters, optional. Multi-valued: array in JSON, set multiple times with form POST and GET.
cr_city	Recipient city, max 64 characters, optional. Multi-valued: array in JSON, set multiple times with form POST and GET.
cr_address	Recipient address, max 255 characters, optional. Multi-valued: array in JSON, set multiple times with form POST and GET.
cr_postalcode	Recipient address, max 8 characters, optional. Multi-valued: array in JSON, set multiple times with form POST and GET.
cr_age	Recipient age, integer ≥ 0 , optional. Multi-valued: array in JSON, set multiple times with form POST and GET.
cr_gender	Recipient gender, string starting with M or m (for male) or F or f (for female), optional. Multi-valued: array in JSON, set multiple times with form POST and GET.

All parameters above whose name starts with `cr_` are multi-valued in order to support specifying values for multiple recipients. They must be specified in the same order as the

destination numbers (see the Quriiri HTTP MT API), and in consistent order with each other and the Quriiri `destination` parameter so that for example the age for the first recipient is the first of the `cr_age` values, the email for that same recipient is the first of the `cr_email` values, and the phone number for that is the first of the `destination` values. For the second recipient, age is the second of the `cr_age` values, email is the second of the `cr_email` values, and the phone number is the second of the `destination` values.

Request examples

The following request examples send a message with contents "Here is your code, enjoy! \${code}" to two destination numbers +35840000001 and +35850000002, using KoodiPlus as the sender, and relays the recipient ages (25 and 33) and genders (female and male) to Koodi+. For more examples and info, see the Quriiri HTTP MT API document.

JSON

```
POST /v1 HTTP/1.1
Authorization: apikey xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxx
Content-Type: application/json

{
  "sender": "KoodiPlus",
  "destination": ["+35840000001", "+35850000002"],
  "text": "Here is your code, enjoy! ${code}",
  "campaignkey": "zzzzzzzz-zzzz-zzzz-zzzz-zzzzzzzzzzzzz",
  "cr_age": [25, 33],
  "cr_gender": ["FEMALE", "MALE"]
}
```

POST

```
POST /v1 HTTP/1.1
Authorization: apikey xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxx
Content-Type: application/x-www-form-urlencoded

sender=KoodiPlus&destination=%2B35840000001&destination=%2B35850000002
&text=Here%20is%20your%20code%2C%20enjoy%21%20%24%7Bcode%7D&campaignkey=
zzzzzzzz-zzzz-zzzz-zzzz-zzzzzzzzzzzzz&cr_age=25&cr_age=33&cr_gender=FEMAL
E&cr_gender=MALE
```

GET

Same as POST, except form data in query string.

```
GET /api/v1?sender=KoodiPlus&destination=%2B35840000001&destination=%2B
35850000002&text=Here%20is%20your%20code%2C%20enjoy%21%20%24%7Bcode%7D&
campaignkey=zzzzzzzz-zzzz-zzzz-zzzz-zzzzzzzzzzzzz&cr_age=25&cr_age=33&cr_
gender=FEMALE&cr_gender=MALE HTTP/1.1
Authorization: apikey xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxx
```

Response

For information on the HTTP response, see the Quriiri HTTP MT API document.

Delivery reports

For information on delivery reports, see the Quriiri HTTP MT API document.

Delivery statuses

For information on delivery reports, see the Quriiri HTTP MT API document.

Delivery status reasons in this API are the same as the ones in Quriiri HTTP MT API, with the following exception:

Reason	Description
INVALID	The recipient phone number or some of the <code>cr_*</code> values specified for the recipient was invalid.

Revision history

Version	Description
1.0.1, 13.1.2016	Add apikey and campaignkey to request examples
1.0.0, 12.1.2016	Initial version