# PIE Errand Code API

## Key Facts

|  |  |
| --- | --- |
| Name | PIE Errand Code API |
| Owner |   |
| Support | ICC |
| Description | An API that generates errand code(s) for given parcelId(s) |
| Version | 1.0 |
| External link | <https://api.posti.fi/errandCodes.html> (Not available ) |

## General

API expects to receive a parcel in order to retrieve an errand code for the parcel. By performing the request, errand code is linked into the parcel by Posti track and trace services.

## Public Service Addresses

|  |  |  |  |
| --- | --- | --- | --- |
| Protocol | Env | URL | Description |
| HTTPS | PRD | <https://connect.posti.fi/parcel/v1/errandCodes> | Production |

## Internal Service Addresses

|  |  |  |  |
| --- | --- | --- | --- |
| Protocol | Env | URL | Description |
| HTTPS | QA | [https://pls-parcel-qa.ja.posti.fi/parcel/v1/errandCodes](https://connect.posti.fi/parcel/v1/errandCodes) | Quality Assurance |

## API Description

Paths

* errandCodes/{parcelId}
	+ Path parameter
		- parcelId – 12-21 characters (A-Z or numbers).
* errandCodes
	+ query parameter
		- id – comma separated list of parcelIds

Example requests:

https://connect.posti.fi/parcel-uat/v1/errandCodes/RR123456789FI

Codes for several parcels can be also retrieved by submitting following request

https://connect.posti.fi/parcel-uat/v1/errandCodes?id=RR123456789FI,RR123456780FI

## Response Message Structure

Example response

{
 "ErrandCodeResult": [
 {
 "ParcelID": "RR123456789FI",
 "ErrandCode": "D5BB44",
 "ResultText": "OK"
 ]
}

Example response for multiple parcelIds.

{
 "ErrandCodeResult": [
 {
 "ParcelID": "RR123456789FI",
 "ErrandCode": "D5BB44",
 "ResultText": "OK"
 },
 {
 "ParcelID": "RR123456780FI",
 "ErrandCode": "8B9599",
 "ResultText": "OK"
 } ]
}

## Authentication

Consumption of the service requires Posti OAUTH token authentication. Instructions are described in <https://api.posti.fi/api-authentication.html>).

## How and when to set locker size for ErrandCode

**Background** for the use case: Posti measures and weighs all the parcels. However, if the parcel is left to Posti with parcel terminal for transportation with ErrandCode (commercial name Helposti-code) it is customer friendly to set up proper locker size beforehand so that the correct locker size is opened for sender. The default locker size is S (small) if locker size hasn’t been set or Posti hasn’t yet measured the parcel.

You can set up the locker size with package type information. For example, in Posti WAYBILD16A EDI message the field name is “Package type”.

|  |  |
| --- | --- |
| Locker size | Code to use |
| S (small) |  S2 |
| M (medium) | M2 |
| L (large) | L2 |
| XL (extra large) | XL2 |