

# Addresses

Обновлено 04.10.2021

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## General information

This service allows getting the list of counterparty addresses, adding and editing addresses in the list. The entries unused for 6 months are automatically removed from the address book.

## Addresses list

### Method request

#### Request example

Method address: <https://api.dellin.ru/v2/book/addresses.xml>

```
<request>
  <appkey>00000000-0000-0000-0000-000000000000</appkey>
  <sessionID>00000000-0000-0000-0000-000000000000</sessionID>
  <counteragentID>1</counteragentID>
</request>
```

#### Description of parameters

Request

Request

Parameter	Required	Type	Description
appkey	Yes	string	Application key. To get the key, <a href="#">register</a>
sessionID	Yes	string	To get the session ID, use the "User Authorization" method
counteragentID	Yes	integer	ID of counterparty for which the list of addresses is required

## Method response

### Response example

```
<response>
  <metadata>
    <status>200</status>
    <generated_at>2015-06-18 12:37:28</generated_at>
  </metadata>
  <data>
    <address>
      <id>1</id>
      <juridical>false</juridical>
      <cityID>200601</cityID>
      <code>780000000002080000000000</code>
      <address>190000, г. Санкт-Петербург, Васи Алексеева ул, д. 125 кв/оф. 513</address>
      <street>Васи Алексеева</street>
      <house>125</house>
      <building></building>
      <structure></structure>
      <flat>513</flat>
      <contacts>2</contacts>
      <phones>4</phones>
      <regionName>Санкт-Петербург</regionName>
      <cityName>Санкт-Петербург г</cityName>
      <cityCode>780000000000000000000000</cityCode>
      <terminalUID>0xa8e2001438c4d49511db5ab084a0d1bc</terminalUID>
      <terminalID>1</terminalID>
    </address>
  </data>
  <data>
    <address>
      <id>2</id>
      <juridical>true</juridical>
      <cityID>588381</cityID>
      <code>770000000007000000000000</code>
      <address>107078, г. Москва Академика Сахарова пр-кт, д. 34</address>
      <street>Академика Сахарова</street>
      <house>34</house>
      <building></building>
      <structure></structure>
      <flat></flat>
      <contacts>1</contacts>
      <phones>2</phones>
      <regionName>г. Москва</regionName>
      <cityName>Москва г</cityName>
      <cityCode>770000000000000000000000</cityCode>
      <terminalUID />
      <terminalID />
    </address>
  </data>
</response>
```

### Description of parameters

#### Response

##### Response

Parameter	Type	Description
metadata	object	System information
— metadata.status	integer	Emulated status http-code. If successful, code 200 is returned
— metadata.generatedAt	string	Server response date and time. Format: YYYY-MM-DD HH:MM:SS
data	array of Data	Information on counterparty addresses

#### Data

##### Data

Parameter	Type	Description
address	object	Information about the address
— address.id	integer	Address ID
— address.juridical	boolean	Address type. Possible values: <ul style="list-style-type: none"><li>• "false" - delivery address;</li><li>• "true" - legal address</li></ul>
— address.cityID	string	City ID, see " <a href="#">Places search</a> " method
— address.code	string	CLADR* code of the street if it exists in directory. Otherwise, CLADR code of the city  *CLADR - Classifier of Addresses of Russian Federation

## Data

— address.address	string	Textual representation of address
— address.street	string	Street
— address.house	string	House number, including the letter. For example, "13/A"
— address.building	string	Building
— address.structure	string	Structure
— address.flat	string	Apartment/office, including the letter. For example, "222 A"
— address.contacts	integer	Quantity of contact persons for address
— address.phones	integer	Quantity of contact phones for address
— address.regionName	string	Region
— address.cityName	string	City
— address.cityCode	string	City CLADR code, see <a href="#">"Places search"</a> method
— address.terminalUID	string	Terminal UID, if address is not terminal address, then the parameter value is "null"
— address.terminalID	integer	Terminal ID (see <a href="#">"Terminals directory"</a> ), if address is not terminal address, then the parameter value is "null"

## Error handling

The common API errors are used with the method, for errors format description and errors list see [Errors of API methods](#).

## Address address and editing



This method allows creating/editing only the delivery address. To add a legal address, use [Counterparties adding and editing method](#)

## Method request

### Request example (creating address)

Method address: <https://api.dellin.ru/v2/book/address/update.xml>

```
<request>
  <apikey>00000000-0000-0000-0000-000000000000</apikey>
  <sessionID>00000000-0000-0000-0000-000000000000</sessionID>
  <counteragentID>1</counteragentID>
  <search>Омск, Ленина, 5</search>
  <street>5500000100005970000000000</street>
  <house>5</house>
  <building>1</building>
  <structure>лит. А</structure>
  <flat>214а</flat>
</request>
```

### Request example (using company terminal ID to create an address)

It is possible to use company terminal ID to create an address. In this case address details will be added automatically. Terminal ID is available in the [Terminals directory](#).

Method address: <https://api.dellin.ru/v2/book/address/update.xml>

```
<request>
  <apikey>00000000-0000-0000-0000-000000000000</apikey>
  <sessionID>00000000-0000-0000-0000-000000000000</sessionID>
  <counteragentID>1</counteragentID>
  <terminalID>39</terminalID>
</request>
```

### Request example (editing an address)

In case of editing an address, the request is similar to the request for creating an address, but in this case it is enough to pass only those address parameters that need to be edited. However when updating one of the following parameters - "house", "building", "structure" or "flat" - it is necessary as well to pass those of the listed address parameters that does not need to be updated, otherwise the values passed before will be deleted

Method address: <https://api.dellin.ru/v2/book/address/update.xml>

```
<request>
  <appkey>00000000-0000-0000-0000-000000000000</appkey>
  <sessionID>00000000-0000-0000-0000-000000000000</sessionID>
  <addressID>1</addressID>
  <house>12</house>
</request>
```

## Description of parameters

### Request

#### Request

Parameter	Required	Type	Description
appkey	Yes	string	Application key. To get the key, <a href="#">register</a>
sessionID	Yes	string	To get the session ID, use the " <a href="#">User Authorization</a> " method
counteragentID	No*	integer	ID of counterparty for which it is necessary to create an address.  *If creating an address, the parameter is required. If editing an address, the parameter is not used
search	No (1)	string	Address as a string. Minimum 2 symbols, maximum 1024 (2)
street	No (1)	string	CLADR code of the street. It's possible to get CLADR code using the services listed on the page " <a href="#">CLADR search</a> " (2)
house	No (1)	string	House number, including the letter. For example, "13/A" (2), (3).  Maximum 7 characters
building	No	string	Building (2), (3).  Maximum 5 characters
structure	No	string	Structure (2), (3).  Maximum 7 characters
flat	No	string	Apartment/office, including the letter. For example, "222 A" (2), (3).  Maximum 5 characters
terminalID	No (1)	integer	Terminal ID from the " <a href="#">Terminals directory</a> ". If terminal ID is used to create an address, then the address details will be added automatically (2)
addressID	No*	integer	ID of address that needs to be edited.  *If editing an address the parameter is required. If creating an address the parameter is not used

#### Notes:

1. If creating an address, information on the address must be passed in the request therefore one of the following is required "search" parameter/"street" and "house" parameters/"terminalID" parameter.
2. If "search"/"terminalID" parameter is passed in the request, then "street", "house", "building", "structure" or "flat" parameters must not be passed in the request.
3. When updating one of the parameters - "house", "building", "structure" or "flat" - it is necessary as well to pass those address parameters that does not need to be updated. Otherwise the values passed before will be deleted

## Method response

### Response example

```

<response>
  <metadata>
    <status>200</status>
    <generated_at>2015-06-18 12:37:28</generated_at>
  </metadata>
  <data>
    <state>existing</state>
    <addressID>1</addressID>
    <foundAddresses>
      <source>Омск, Ленина, 5</source>
      <result>Россия, Омская обл, г Омск, ул Ленина, д 5</result>
    </foundAddresses>
  </data>
</response>

```

## Description of parameters

### Response

Parameter	Type	Description
metadata	object	System information
— metadata.status	integer	Emulated status http-code. If successful, code 200 is returned
— metadata.generatedAt	string	Server response date and time. Format: YYYY-MM-DD HH:MM:SS
data	object	Information on created/edited addresses
— data.status	string	Address status. Possible values: <ul style="list-style-type: none"> <li>• "existing" - the existing address has been edited;</li> <li>• "new" - a new address has been created</li> </ul>
— data.addressID	integer	ID of the created/edited addresses
— data.foundAddresses	array of FoundAddresses	Data on found addresses. The parameter is present in the response if "search" parameter was passed in the request

### FoundAddresses

Parameter	Type	Description
source	string	Entered value
result	string	Address found

## Error handling

The common API errors are used with the method, for errors format description and errors list see [Errors of API methods](#).