

Nova Poshta API Endpoints for City and Warehouse Selection

To implement an autocomplete for cities and then list their warehouses, you will use Nova Poshta's JSON API (entry point `https://api.novaposhta.ua/v2.0/json/` ¹). Key methods are **getCities** (to search cities) and **getWarehouses** (to list branches). For example:

1. **Search cities by name:** Use the **getCities** method (model `"Address"`) with a `"FindByString"` filter. This loads the directory of Ukrainian cities with Nova Poshta offices ². In practice you would POST JSON like:

```
{
  "apiKey": "<YOUR_API_KEY>",
  "modelName": "Address",
  "calledMethod": "getCities",
  "methodProperties": {
    "FindByString": "Київ"
  }
}
```

The response returns matching city records (each with a `Ref` ID) ³. **Important:** the `FindByString` search only works with Ukrainian names ⁴, so be sure the user's input is in Ukrainian.

Alternative: Nova Poshta also provides the `searchSettlements` method (model `"Address"`) for online searching by partial city/settlement name or postal code ⁵. This can be used similarly, e.g.:

```
{
  "apiKey": "<YOUR_API_KEY>",
  "modelName": "Address",
  "calledMethod": "searchSettlements",
  "methodProperties": {
    "CityName": "київ"
  }
}
```

This returns settlement records whose main description matches (e.g. `"MainDescription": "Київ"`) and includes the settlement's `Ref`. You could then use that `Ref` in the next step.

1. **List warehouses in the selected city:** Once a city is chosen, call **getWarehouses** to retrieve its branches. The API allows filtering by the city's reference or name ⁶. For example, using the city's `Ref` from above:

```
{
  "apiKey": "<YOUR_API_KEY>",
  "modelName": "Address",
  "calledMethod": "getWarehouses",
  "methodProperties": {
    "CityRef": "<SELECTED_CITY_REF>",
    "Language": "UA"
  }
}
```

This returns all warehouses in that city. (You can also pass "CityName": "Київ" instead of CityRef; the API supports both ⁶.) Including "Language": "UA" ensures that the warehouse details come in Ukrainian ⁷. Each warehouse object in the response has its own Ref, address fields (Description / ShortAddress), etc., which you can display for the user to choose.

In summary, your first fetches will be: **(1)** search cities with Address/getCities (or Address/searchSettlements), and **(2)** fetch warehouses with Address/getWarehouses (filtering by CityRef or CityName). All requests must include your API key and be sent as JSON to Nova Poshta's endpoint ² ⁶.

Questions/Clarifications:

- Do you want to use searchSettlements (Address model) for autocomplete instead of getCities? It accepts partial city names or postal codes for online search ⁵.
- When listing warehouses, will you use the Ref ID of the chosen city or its name? (The API supports both filters ⁶, but using CityRef is recommended after a city search.)
- Nova Poshta's examples use both "Address" and "AddressGeneral" as modelName. For consistency, do you have a preference? (For instance, some examples call AddressGeneral/getWarehouses with "Language": "UA" ⁷.)

Sources: Nova Poshta API documentation and examples ² ⁶ ⁴ ⁵ ⁷ ¹.

¹ Можливості інтеграції з «Нова пошта» | Доставка майбутнього

<https://novaposhta.ua/en/for-business/cooperation/integration/index.html>

² ³ ⁴ ⁵ ⁶ Nova Poshta API Guide | PDF | Json | Computer Engineering

<https://www.scribd.com/presentation/563148528/Working-with-Nova-Poshta-API-final>

⁷ Вывод списка отделений новой почты в интернет-магазине арі новой почты - AWD

<https://awd.in.ua/vyivod-spiska-otdelenij-novoj-pochtyi-v-internet-magazine/>