

Deploy and Use the Synonym App

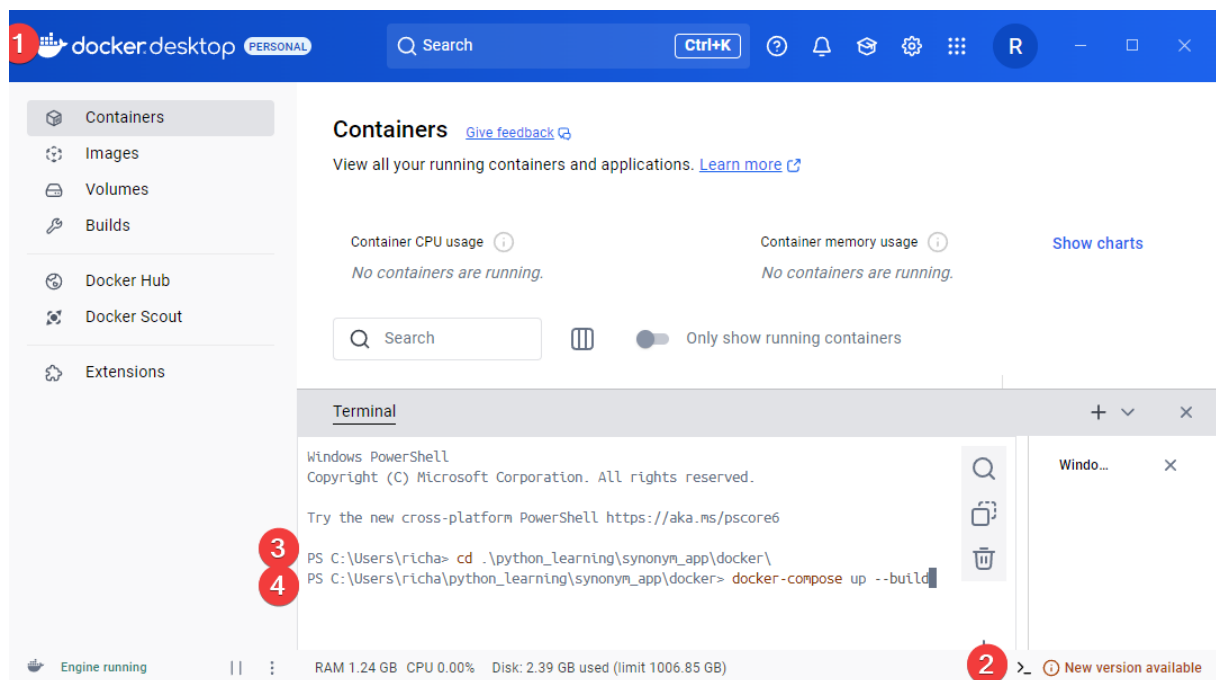
This application helps users find synonyms for words and word combinations through multiple API sources. It provides 3-10 relevant synonyms for your search terms through a simple web interface.

When deploying and using this application, ensure you have:

- Docker Desktop installed
- Downloaded and unzipped Synonym App
- Active internet connection
- API Ninjas key (signup at api-ninjas.com, add to .env file as `API_NINJAS_KEY=your_key`)

To Start synonym app:

1. Start **Docker Desktop**
2. Open **terminal** in Docker by clicking the `>` symbol (click Enable when asked)
3. Navigate to the '**docker**' folder inside your unzipped '**synonym_app**' folder using command:
'`cd [path_where_you_unzipped_app]/synonym_app/docker`'
4. Execute command: `docker-compose up --build`
5. Wait for the "Application startup complete" message

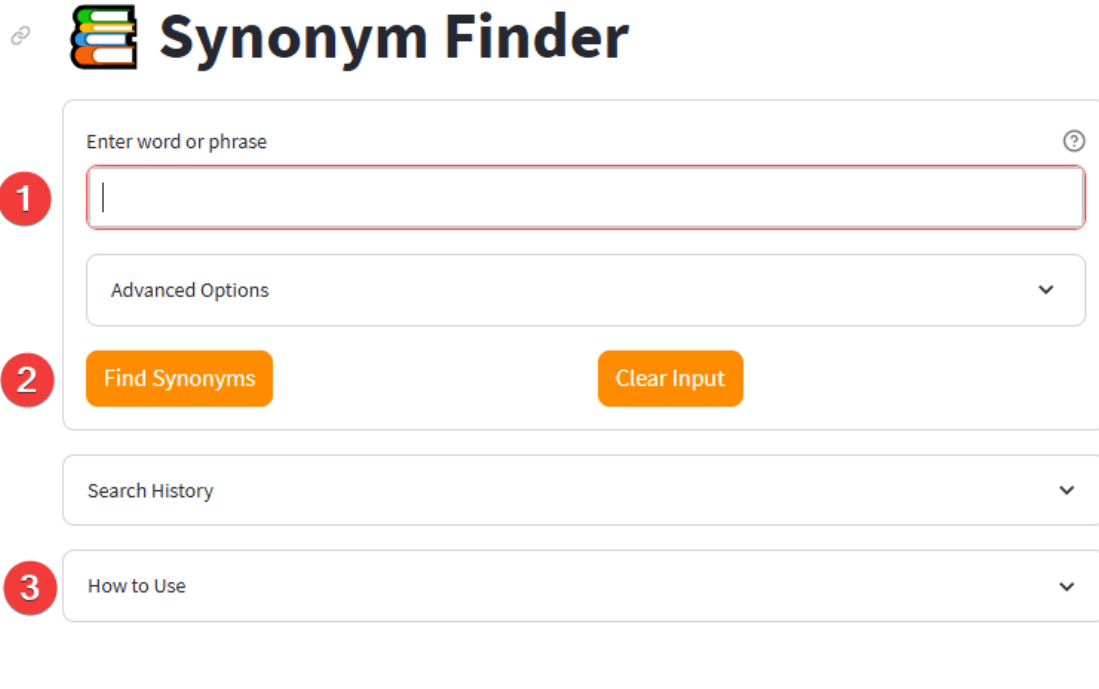


To access and Use Application:

1. Open your **web browser** and navigate to <http://localhost:8501>
2. Wait till the application loads

To verify successful deployment:

1. Enter word or phrase in the **search field**
2. Click "**Find Synonyms**" button
3. For additional features and settings, click "**How to use**" dropdown



The screenshot shows the 'Synonym Finder' web application. At the top left is a logo of three stacked books. The title 'Synonym Finder' is in a large, bold, dark blue font. Below the title is a search interface. A red circle with the number '1' points to a text input field labeled 'Enter word or phrase' with a question mark icon. Below the input field is a dropdown menu labeled 'Advanced Options' with a downward arrow. A red circle with the number '2' points to two orange buttons: 'Find Synonyms' and 'Clear Input'. Below these buttons is another dropdown menu labeled 'Search History' with a downward arrow. A red circle with the number '3' points to a dropdown menu labeled 'How to Use' with a downward arrow. The entire interface is enclosed in a light gray border.

Using application, you will get:

1. Generated synonyms (3-10 words) from either API Ninjas or Datamuse source
2. For multiple word search:
 - a. Individual synonyms for each word
 - b. Combined synonyms of both words together

Links

1. API Documentation: <http://localhost:8000/docs>
2. API Ninjas: <https://api-ninjas.com/>
3. Datamuse API: <https://www.datamuse.com/api/>
4. Support Contact: richard.cibere@seznam.cz
5. GitHub Repository: https://github.com/lluCZ/synonym_app.git
6. Docker Documentation: <https://docs.docker.com/>