

IMPLEMENTING WEB APPLICATION

INTEGRATE NUTRITION API

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```
import http.client

conn=http.client.HTTPSConnection("spoonacular-recipe-food-nutrition-v1.p.rapidapi.com")

headers = {

    'X-rapidapi-host': "spoonacular-recipe-food-nutrition-v1.prapidapi.com"

    'X-rapidapi-key': "93706bmsh70946cd35d92e9bp1ea575jsn75fb7b705b36"

}

conn.request("GET", "/recipes/guessNutrition?title=cereal", headers)

res = conn.getresponse{ } data=res.read{ } print[data.decode{"utf-8"}]
```

Ex:

The screenshot displays the RapidAPI interface for the 'Recipe - Food - Nutrition' API. The header shows the API's popularity (9.8/10), latency (692ms), and service level (100%). The main content area provides documentation for the 'GET Search Recipes' endpoint, explaining that it allows searching through thousands of recipes using natural language queries. A sidebar on the left lists various endpoints, and a right-hand panel shows a Python code snippet for making an HTTPS request to the API.

Recipe - Food - Nutrition API Documentation

The spoonacular Recipe - Food - Nutrition API gives you to access to thousands of recipes, storebought packaged foods, and chain restaurant menu items. Our food ontology and semantic recipe search engine makes it possible to search for recipes using natural language queries, such as "gluten free brownies without sugar" or "low fat vegan cupcakes." You can automatically calculate the nutritional information for any recipe, estimate recipe costs, visualize ingredient lists, find recipes for what's in your fridge, find recipes based on special diets, nutritional requirements, or favorite ingredients, classify recipes into types and cuisines, convert ingredient amounts, or even compute an entire meal plan. With our powerful API, you can create many kinds of food and nutrition apps.

Special diets/dietary requirements currently available include: vegan, vegetarian, pescetarian, gluten free, grain free, dairy free, high protein, low sodium, low carb, Paleo, Primal, ketogenic, and more.

GET Search Recipes

Search through thousands of recipes using advanced filtering and ranking. NOTE: Since this method combines searching by query, by ingredients, and by nutrients into one endpoint, each request counts as 3 requests.

Code Snippets

```
(Python) http.client
import http.client

conn = http.client.HTTPSConnection("spoonacular-recipe-food-nutrition-v1.p.rapidapi.com")

headers = {
    'X-RapidAPI-Key': "93706bmsh70946cd35d92e9bp1ea575jsn75fb7b705b36",
    'X-RapidAPI-Host': "spoonacular-recipe-food-nutrition-v1.p.rapidapi.com"
}
```