

Fetch API

Spoken Tutorial Project

<https://spoken-tutorial.org>

National Mission on Education through ICT

<https://sakshat.ac.in>

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Learning Objectives



Learning Objectives

▶ **About** Fetch API



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- ▶ **About** Fetch API
- ▶ **It's usage in JS**



System Specifications

This tutorial is recorded using:



System Specifications

This tutorial is recorded using:

▶ **Ubuntu Linux OS version 18.04**



System Specifications

This tutorial is recorded using:

- ▶ **Ubuntu Linux OS version 18.04**
- ▶ **Visual Studio Code version 1.45.0**
(code editor)



System Specifications

This tutorial is recorded using:

- ▶ **Ubuntu Linux OS version 18.04**
- ▶ **Visual Studio Code version 1.45.0**
(code editor)
- ▶ **Firefox Web Browser**



Prerequisites



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- ▶ **You need internet connectivity to practice this tutorial**



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- ▶ You should be familiar with writing and executing JS files



Prerequisites

- ▶ You need internet connectivity to practice this tutorial
- ▶ You should be familiar with writing and executing JS files
- ▶ If not, please go through the prerequisite tutorials on <https://spoken-tutorial.org>



Code Files

- ▶ **The files used in this tutorial are available in the `Code files` link on this tutorial page**



Code Files

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- ▶ **Please download and extract the files**



Code Files

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- ▶ **Make a copy and then use them for practicing**



Fetch API



Fetch API

- ▶ **The Fetch API provides an interface for fetching resources (including across the network)**



Fetch API

- ▶ **The Fetch API provides an interface for fetching resources (including across the network)**
- ▶ **The `fetch()` used to fetch a resource**



Fetch API

- ▶ **The Fetch API provides an interface for fetching resources (including across the network)**
- ▶ **The `fetch()` used to fetch a resource**
- ▶ `fetch()` **returns a Promise**



Summary

In this tutorial, we have learnt:

- ▶ **About Fetch API**
- ▶ **It's usage in JS**



Assignment

- ▶ **Open the file `assignment.js` which you have created earlier**
- ▶ **Clear the existing code**



Assignment

- ▶ **Get the weather data of Bengaluru using <http://api.openweathermap.org/data/2.5/weather?q=Bengaluru&appid=4e8fe55b900263c5f83603ed631e15ad>**
- ▶ **Log weather data in the console**
- ▶ **Open the file `MyPage.html` in a web browser**
- ▶ **Observe the output in the browser's console**



About Spoken Tutorial project

- ▶ Watch the video available at https://spoken-tutorial.org/What_is_a_Spoken_Tutorial
- ▶ It summarises the Spoken Tutorial project
- ▶ If you do not have good bandwidth, you can download and watch it



Spoken Tutorial Workshops

The Spoken Tutorial Project Team

- ▶ Conducts workshops using spoken tutorials
- ▶ Gives certificates to those who pass an online test
- ▶ For more details, please write to contact@spoken-tutorial.org



Answers for THIS Spoken Tutorial

- ▶ Questions in THIS Spoken Tutorial?
- ▶ Visit <https://forums.spoken-tutorial.org>
- ▶ Choose the minute and second where you have the question
- ▶ Explain your question briefly
- ▶ The Spoken Tutorial project will ensure an answer
- ▶ You will have to register to ask questions



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Thank you

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