# What are url parameters and how to work with them in JavaScript?

**URL parameters (also called query string parameters or URL variables) are used to send small amounts of data from page to page, or from client to server via a URL. They can contain all kinds of useful information, such as search queries, link referrals, product information, user preferences, and more.**

**Example:**

const queryString = window.location.search;

console.log(queryString);

// ?product=shirt&color=blue&newuser&size=m

We can then parse the query string’s parameters using URLSearchParams:

const urlParams = new URLSearchParams(queryString);

Then we call any of its methods on the result.

For example, URLSearchParams.get() will return the first value associated with the given search parameter:

const product = urlParams.get('product')

console.log(product);

// shirt

const color = urlParams.get('color')

console.log(color);

// blue

const newUser = urlParams.get('newuser')

console.log(newUser);

// empty string