

Query Params with Router

how to use query with router link in vue js to transfer data as string

In Vue.js, you can pass query parameters using `<router-link>` to transfer data as a string. Here's how:

Using `query` in `<router-link>`

Vue Router allows you to pass data as query parameters like this:

vue

```
<router-link :to="{ path: '/destination', query: { message: 'Hello World' } }">
  Go to Destination
</router-link>
```

Accessing Query Parameters in the Destination Component

In the `Destination.vue` component, you can access the query parameter using `$route.query`:

vue

```
<script setup>
import { useRoute } from 'vue-router';

const route = useRoute();
const message = route.query.message; // "Hello World"
</script>

<template>
  <div>
    <h2>Received Message: {{ message }}</h2>
  </div>
</template>
```

Alternative: Using `this.$route.query` in Options API

If you're using the Options API:

vue

```
export default {
  computed: {
    message() {
      return this.$route.query.message;
    }
  }
}
```

Final Notes

- Query parameters are always strings, so if you need objects or arrays, you may need to `JSON.stringify()` before sending and `JSON.parse()` when receiving.
- Example:

vue

```
<router-link :to="{ path: '/destination', query: { data: JSON.stringify({ name:
'Oussama' }) } }">
  Send Object
</router-link>
```

Then, retrieve it like:

vue

```
const data = JSON.parse(route.query.data);
```

Let me know if you need a more advanced example! 🚀