

Vue
002

Using URL

to store

state



in

Vue



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- **URL(Uniform Resource Locator) is a reference to a web resource that specifies its location on a computer network and a mechanism for retrieving it.**
- **It consists of schema, host, path, query and fragment.**
- **URLs are crucial for navigating the web, enabling browsers and other tools to locate and retrieve resources across the internet.**



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How to save state to URL:

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```
const saveUserNameToQuery = (name: string) => {  
  push({  
    query: {  
      username: name,  
    },  
  });  
}
```

How to update state to URL:

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```
const { currentRoute, push } = useRouter();  
  
const updateQueryState = (parameter: string, value: string) => {  
  push({  
    query: {  
      ...currentRoute.value.query,  
      [parameter]: value,  
    },  
  });  
}
```



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How to reset URL state:



```
const resetQuery = () => {  
  push({  
    query: {},  
  });  
}
```



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Useful Scenarios:

- Deep linking
- Maintaining state across sessions
- Enhanced user experience
- Dynamic content loading
- State synchronization across tabs
- Conditional rendering



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Learned something?

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