

Forms



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Introduction



Preventing Form Submission

Accessing Form Fields

Showing Validation Errors

Posting From JavaScript

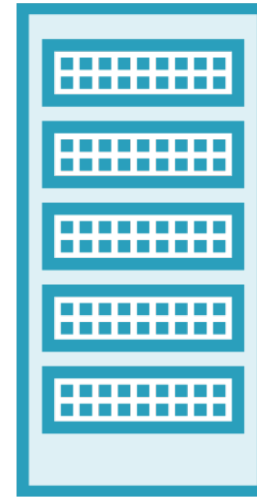


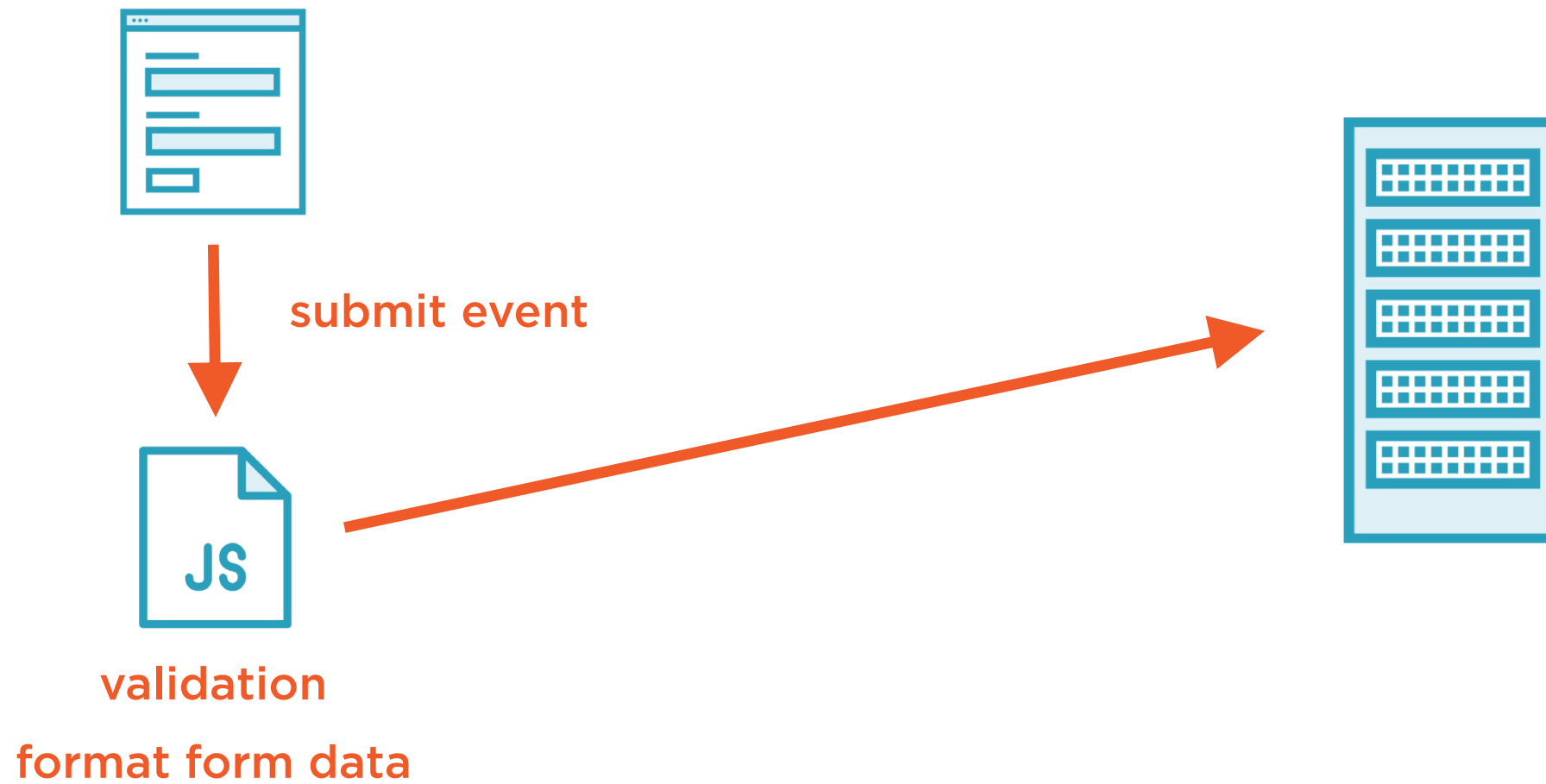
Preventing Form Submission





submit





The submit Event

```
let form = document.getElementById( 'user-form' );  
  
form.addEventListener( 'submit', event => {  
  
    // prevent the browser from submitting the form  
    event.preventDefault();  
  
});
```



Accessing Form Fields



form.elements[]

```
let form = document.getElementById( 'user-form' );

form.addEventListener( 'submit', event => {
    let user = form.elements[ 'user' ];
    let avatarFile = form.elements[ 'avatar-file' ];

    console.log( user.value, avatarFile.value );
    event.preventDefault();
} );
```



Showing Validation Errors



Form Field

```
<input name="user" placeholder="User Name" />
```

```
<span id="user-error"></span>
```



Form Field

```
let user = form.elements[ 'user' ];  
let userError = document.getElementById( 'user-error' );  
  
userError.textContent = 'Invalid entry';  
userError.style.color = 'red';  
user.style.borderColor = 'red';  
user.focus();
```



Posting From JavaScript



Summary



Preventing Form Submission

- handle submit event
- `event.preventDefault()`

Accessing Form Fields

- `form.elements['name']`

Showing Validation Errors

- use CSS styling
- `element.focus();`

Posting From JavaScript

- post using jQuery, etc.
- call `event.preventDefault()`