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How to trap focus in react

#react #modal #focus #a11y

Use following `keyDownHandler` on `div` you want to trap focus

```
const keyDownHandler = (e) => {
  // only execute if tab is pressed
  if (e.key !== 'Tab') return

  // here we query all focusable elements, customize as your own need
  const focusableModalElements = modalRef.current.querySelectorAll(
    'a[href], button:not([disabled]), textarea, input, select'
  )

  const firstElement = focusableModalElements[0]
  const lastElement =
    focusableModalElements[focusableModalElements.length - 1]

  // if going forward by pressing tab and lastElement is active shift focus to first
  if (!e.shiftKey && document.activeElement === lastElement) {
    firstElement.focus()
    return e.preventDefault()
  }

  // if going backward by pressing tab and firstElement is active shift focus to last
  if (e.shiftKey && document.activeElement === firstElement) {
    lastElement.focus()
    e.preventDefault()
  }
}
```

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LOCATION

Alwar, India

EDUCATION

B.Tech

WORK

Full stack developer at Blindside HB GmbH

JOINED

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Upload files to S3 buckets from react

#s3 #react #upload #multipart
