

# JavaScript - Events

## drag and drop

# Events - drag and drop

- A drag operation:
  - begins when a user selects a draggable element
  - continues when the user drags the element to a droppable element,
  - ends when the user releases the dragged element.

# Events - drag and drop

- Drag and drop basic events:
  - dragstart - the user starts dragging an item
  - dragover - a dragged item is being dragged over a valid drop target
  - drop - an item is dropped on a valid drop target

# drag and drop - steps

1. Identify what is draggable
  - draggable attribute
  - dragstart event handler
2. Define the drag's data
  - `dataTransfer.setData()` method is used to add an item to the drag data
3. Define the drag image, optional
4. Define the drop effect
  - copy, move and link
5. Define a drop zone
  - the element must have `ondragover` and `ondrop` event handler
6. Handle the drop effect
7. Drag end