Event-Inspector: UI-Scribble

<h1>

Events-Exercise

<div>
name = div0

<button>
> click

<div>
name = div1

button

Mouseposition:
X: 711 Y: 324
[object HTMLButtonElement]

mouse cursor

<span>
position: fixed
offset to right and below cursor

Event-Inspector: Activity-Diagram

```
●──→ install load listener
         on window
         │
         ▼
        ◉

load ──→ handleLoad ⊓
              │
              ▼
             ◉

mouse move ──→ setInfoBox ⊓
                   │
                   ▼
                  ◉

click ──→ logInfo ⊓
              │
              ▼
             ◉

key up ──→ logInfo ⊓
              │
              ▼
             ◉
```

handleLoad
```
●
│
▼
install mouse move listener
on documet
│
▼
install click- and keyup-listeners
on document, body and all divs
│
▼
◉
```

_event: MouseEvent

setInfoBox
```
│
▼
display mouse position and
event's target in span-element
│
▼
set style attributes top and left of
span to mouseposition + offset
│
▼
◉
```

_event: Event

logInfo
```
│
▼
log event's type, target,
currentTarget and the whole event
object to the browser-console
│
▼
◉
```

Click button (handwritten)

```
⟩click button
     │
     ▼
custom Event
     │
     ▼
    ◉
     │
     ▼
```

Click button
```
●
│
▼
create custom Event
│
▼
über EventListener
ausgeben
│
▼
dispatch Event
│
▼
◉
```