

win win  
communication

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window

postMessage

```
// listener (iframe.html)
$(window).on('message', function(e){
    alert(e.data + "!!!one!");
})
```

```
// parent (main.html)
$('#my-frame').get(0).postMessage('Howdy', '*');
```

window

---

.postMessage

# LocalStorage

## + storage events

```
localStorage.setItem('my-key', 'the data');  
  
window.addEventListener("storage", function(e){  
  
    if(e.key == 'my-key')  
        console.log(e.newValue); // 'the data'  
  
}, false);
```



```
if(window.top === window){  
  
  // store the new slide index  
  Reveal.addEventListener('slidechanged', function(e) {  
    var send = e.indexh + ',' + e.indexv;  
    localStorage.setItem('rslide',send);  
  });  
  
  // restore  
  window.addEventListener("storage", function(e){  
    if(e.key == 'rslide'){  
      var vals = e.newValue.split(',').map(parseFloat);  
      Reveal.slide(vals[0],vals[1]);  
    }  
  }, false);  
}
```

window

---

.postMessage

---

storage events

# WebSockets

"How the internet works"

```
var ws = new WebSocket('ws://example.com/');

ws.onmessage = function(event){
  console.log(event.data + '!!!')
};

ws.send("Hello")
```

# Demo

window

---

.postMessage

---

storage events

---

WebSockets

```
ws.send(<Blob>)
```



```
<input id="photo" type="file" accept="image/*" capture="camera" />
```

```
var client = new BinaryClient('ws://localhost:9000');  
  
$('#photo').on('change', function(event){  
    var file = event.target.files[0];  
    client.send(file);  
});
```

(BinaryClient - [binaryjs.com](http://binaryjs.com))

# Demo

window

---

.postMessage

---

storage events

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WebSockets + binaryjs

# webRTC

- MediaStream
- RTCPeerConnection
- RTCDataChannel

# Demo

window

---

.postMessage

---

storage events

---

WebSockets + binaryjs

---

webRTC

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