# WRAPPER PATTERN IMPLEMENTATION

SIDE-NOTE

```
class StandaloneWrapper {

  markPageAsLoaded() {
    removeLoadingSpinner();
  }
```

```
// wrapper helper - can go inlin
window.addEventListener('scroll',
  window.postMessage(`scrollPos:$
});

window.addEventListener('message'
  if (msg.data === 'pageLoaded')
    removeLoadingSpinner();
  }
});
```

```
class EmbedWrapper {

  markPageAsLoaded() {
    window.postMessage('pageLoaded');
  }

  onScroll(callback) {
    window.addEventListener('message', evt => {
      const scrollPosCheck = evt.data.match(/scrollPos:(.+)/);
      if (scrollPosCheck) {
        callback(scrollPosCheck[1]);
      }
    });
  }

}
```

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```

```
class EmbedWrapper {

  markPageAsLoaded() {
    window.postMessage('pageLoaded');
  }

  onScroll(callback) {
    window.addEventListener('message', evt => {
      const scrollPosCheck = evt.data.match(/scrollPos:(.+)/);
      if (scrollPosCheck) {
        requestAnimationFrame(() => {
          callback(scrollPosCheck[1]);
        });
      }
    });
  }

}
```