

## WRAPPER PATTERN IMPLEMENTATION

**SIDE-NOTE**

```
// wrapper helper - can go inline
window.addEventListener('scroll', () => {
  window.postMessage(`scrollPos:${window.scrollY}`);
});

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

```
class StandaloneWrapper {

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

```
class EmbedWrapper {

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

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

HOW WE SYNDICATE THE RIGHT FLAVOUR OF CONTENT TO EACH PLATFORM

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**HOW DOES EACH PLATFORM  
GET THE RIGHT VERSION?**