

Inbox postmessage API 1.4

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Iframe library

Inbox postmessage API uses iframe-resizer library. It can be downloaded from GitHub: <https://github.com/davidjbradshaw/iframe-resizer>.

Postmessage API

Default behavior

Parent page will set child width to default value (900px) and set height to child height. On user scroll parent page will send message to child containing offset from top in pixels. Parent page will add all parameters from own url to child url.

Accessing messages sent by parent

You can access messages sent by parent using event listener

```
window.addEventListener("message", functionName, false);  
  
function functionName (event)  
{  
    console.log(event.data['scroll']);  
}
```

Parent Height

To set parent height to specific value:

```
window.parentIFrame.sendMessage(  
    'height:' + pixels + 'px';  
)
```

Infinite scroll

If your site uses infinite scroll and page height changes, you can just send last page element offset from top to adjust parent height.

```
window.parentIFrame.sendMessage(  
    'height:' + $("*").last().offset().top;  
)
```

Parent width

To set parent width to specific value:

```
window.parentIFrame.sendMessage(  
    'width:100%';  
)
```

Or to return to default value:

```
window.parentIFrame.sendMessage(  
    'width:default';  
)
```

Parent parameters

All parent page parameters are appended to iframe url. They can be used by default methods like:

```
parameters = window.location.href.split('?')[1];
```

Upgrading from 1.3 to 1.4

Version 1.4 uses different js library: iframe-resizer. Old library can be removed. Child page should include `iframeResizer.contentWindow.js` file.

Library can be downloaded here: <https://github.com/davidjbradshaw/iframe-resizer>