Century Software

Industrial Browser JavaScript API Documentation

Abstract

The Century Software Industrial Browser provides a JavaScript API that a web application running in the browser can utilize to leverage native features provided by the IB. Currently the functionality offered allows the host application to make custom extensions to the scanning capabilities provided by the IB. In particular, the API provides a way to register a function to call when a barcode is scanned. If this function is registered, it will override the default behavior of the IB, which is to insert the barcode into the page element with focus.

The functionality of the JavaScript API is broken up into modules, each module is accessible as a member of the Century object.

JavaScript Scanning API

The following code example registers a barcode data handler function which overrides the default scanning behavior of the IB. In this example, it uses the jQuery library to perform this action when the document is ready:

```
<script type="text/javascript">
    $(document).ready(function () {
        Century.Scanning.setBarcodeDataHandler(function (barcodeString) {
            // Your fancy barcode hacks go here.

            Century.insertText(barcodeString);
        });
    });
</script>
~
```

Calling Century.insertText will insert the barcode back into the page.

Logging

If you call console.log("message") from JavaScript, it will be redirected to the android logging system, which if you have the Android developer tools installed, you can view by running run the command >adb logcat -s TEDebug on the command line when your device is connected.