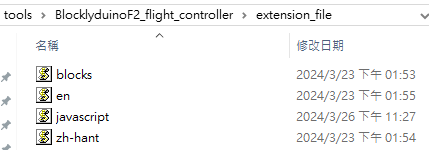
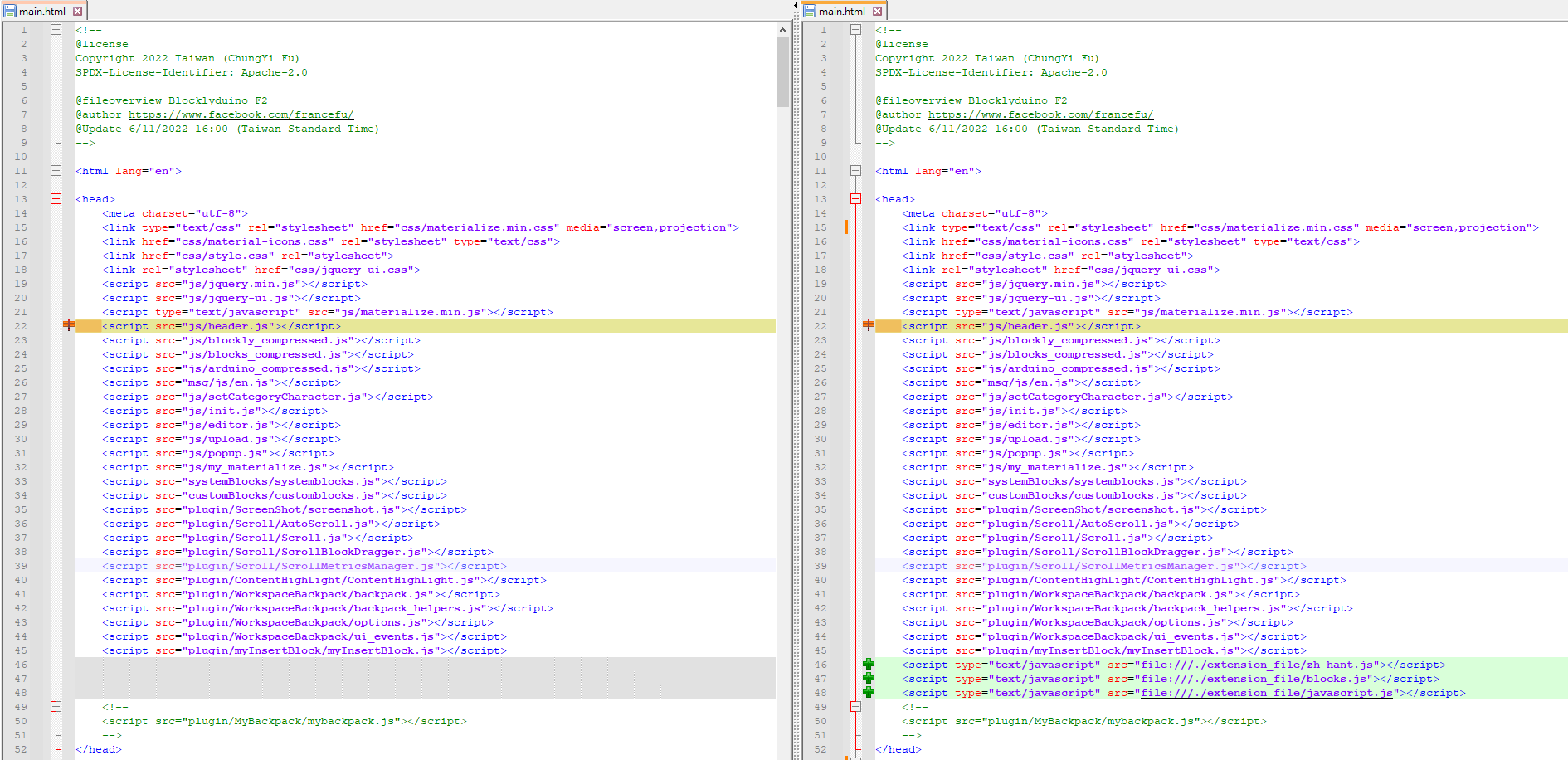
**ESP8266飛控板程式積木安裝教學**

1. 先至<https://sites.google.com/jes.mlc.edu.tw/ljj/linkit7697/%E5%A6%82%E4%BD%95%E5%AE%89%E8%A3%9D%E5%90%89%E5%93%A5%E8%87%AA%E8%A3%BD%E7%A9%8D%E6%9C%A8>下載並安裝吉哥積木。
2. 將extension\_file目錄copy至吉哥積木 BlocklyduinoF2的目錄下。



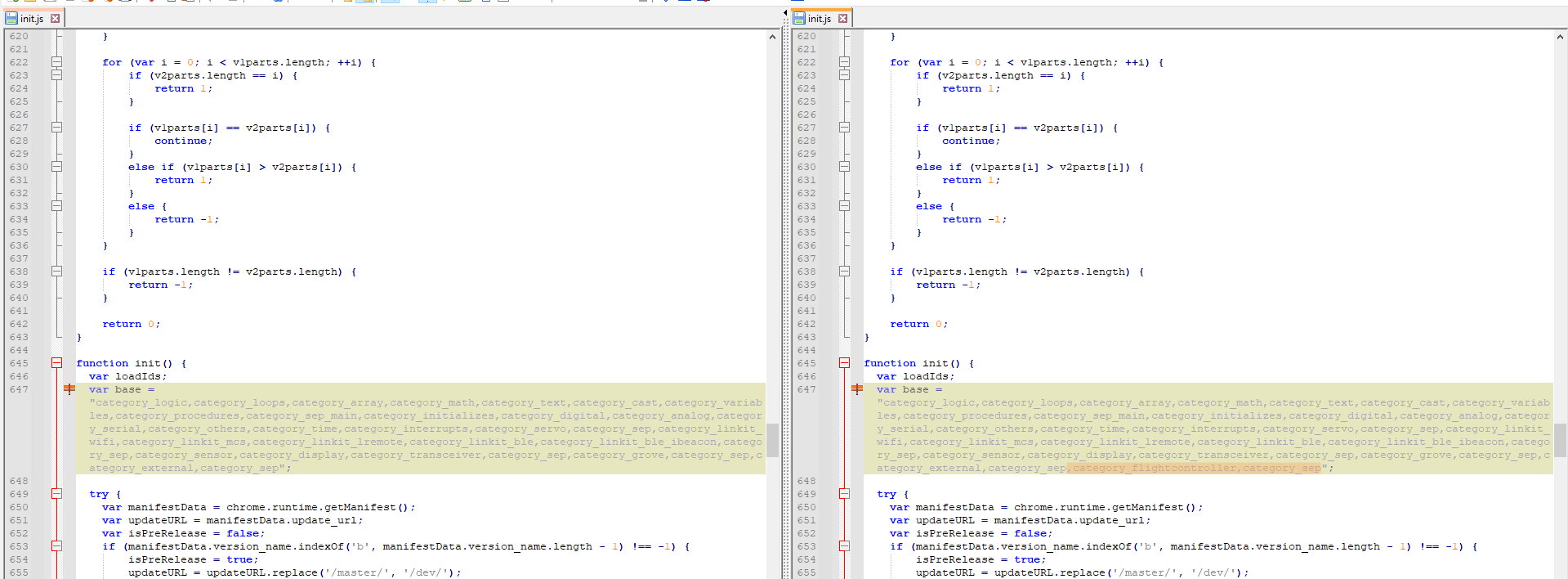
1. 將BlocklyduinoF2\package.nw\main.html打開，如下圖將extension\_file引入，其中zh-hant.js是字串定義檔、blocks.js是積木方塊定義檔、javascript.js是積木程式定義檔。

<script type="text/javascript" src="file:///./extension\_file/zh-hant.js"></script>

<script type="text/javascript" src="file:///./extension\_file/blocks.js"></script>

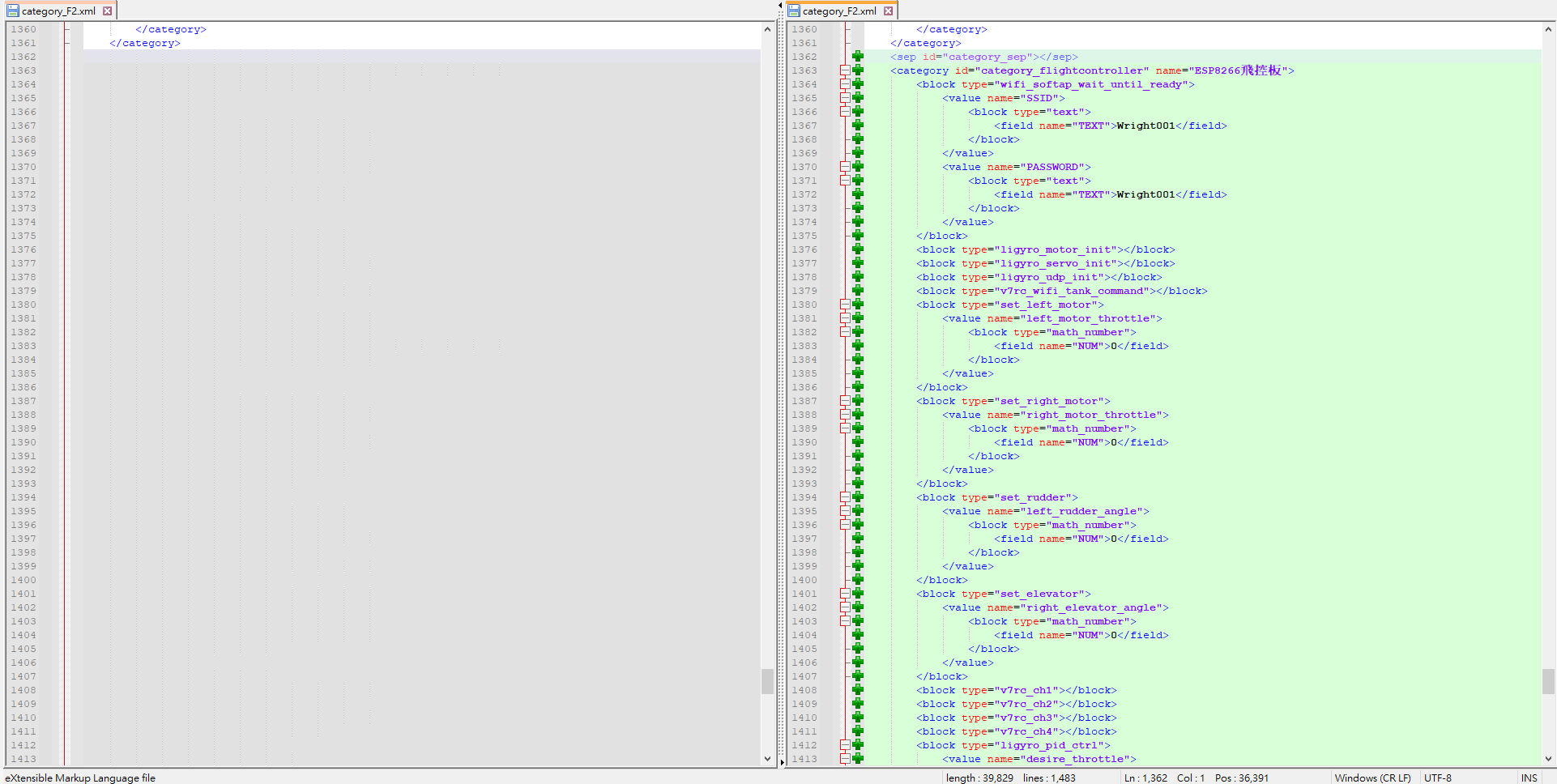
<script type="text/javascript" src="file:///./extension\_file/javascript.js"></script>

1. 將BlocklyduinoF2\package.nw\js\init.js打開，如下圖於function init()的var base結尾處新增積木方塊類別category\_flightcontroller。



,category\_flightcontroller,category\_sep

1. 將BlocklyduinoF2\package.nw\category\category\_F2.xml打開，如下圖插入積木方塊定義。



<sep id="category\_sep"></sep>

<category id="category\_flightcontroller" name="ESP8266飛控板">

<block type="wifi\_softap\_wait\_until\_ready">

<value name="SSID">

<block type="text">

<field name="TEXT">Wright001</field>

</block>

</value>

<value name="PASSWORD">

<block type="text">

<field name="TEXT">Wright001</field>

</block>

</value>

</block>

<block type="ligyro\_motor\_init"></block>

<block type="ligyro\_servo\_init"></block>

<block type="ligyro\_udp\_init"></block>

<block type="v7rc\_wifi\_tank\_command"></block>

<block type="set\_left\_motor">

<value name="left\_motor\_throttle">

<block type="math\_number">

<field name="NUM">0</field>

</block>

</value>

</block>

<block type="set\_right\_motor">

<value name="right\_motor\_throttle">

<block type="math\_number">

<field name="NUM">0</field>

</block>

</value>

</block>

<block type="set\_rudder">

<value name="left\_rudder\_angle">

<block type="math\_number">

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</block>

</value>

</block>

<block type="set\_elevator">

<value name="right\_elevator\_angle">

<block type="math\_number">

<field name="NUM">0</field>

</block>

</value>

</block>

<block type="v7rc\_ch1"></block>

<block type="v7rc\_ch2"></block>

<block type="v7rc\_ch3"></block>

<block type="v7rc\_ch4"></block>

<block type="ligyro\_pid\_ctrl">

<value name="desire\_throttle">

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<field name="NUM">0</field>

</block>

</value>

<value name="desire\_yaw">

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</block>

</value>

<value name="wright\_yaw">

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</block>

</value>

<value name="yaw\_p">

<block type="math\_number">

<field name="NUM">0</field>

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</block>

</value>

<value name="yaw\_d">

<block type="math\_number">

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</block>

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<block type="ligyro\_hover\_pid\_ctrl">

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</value>

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<field name="NUM">0</field>

</block>

</value>

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<field name="NUM">0</field>

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</value>

</block>

</category>

<sep id="category\_sep"></sep>

1. 點擊BlocklyduinoF2目錄下的BlocklyDuino.exe執行檔，即可開始編寫ESP8266飛控板程式。

