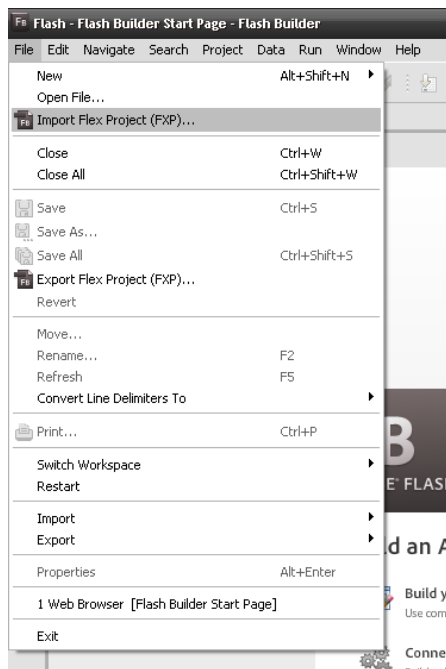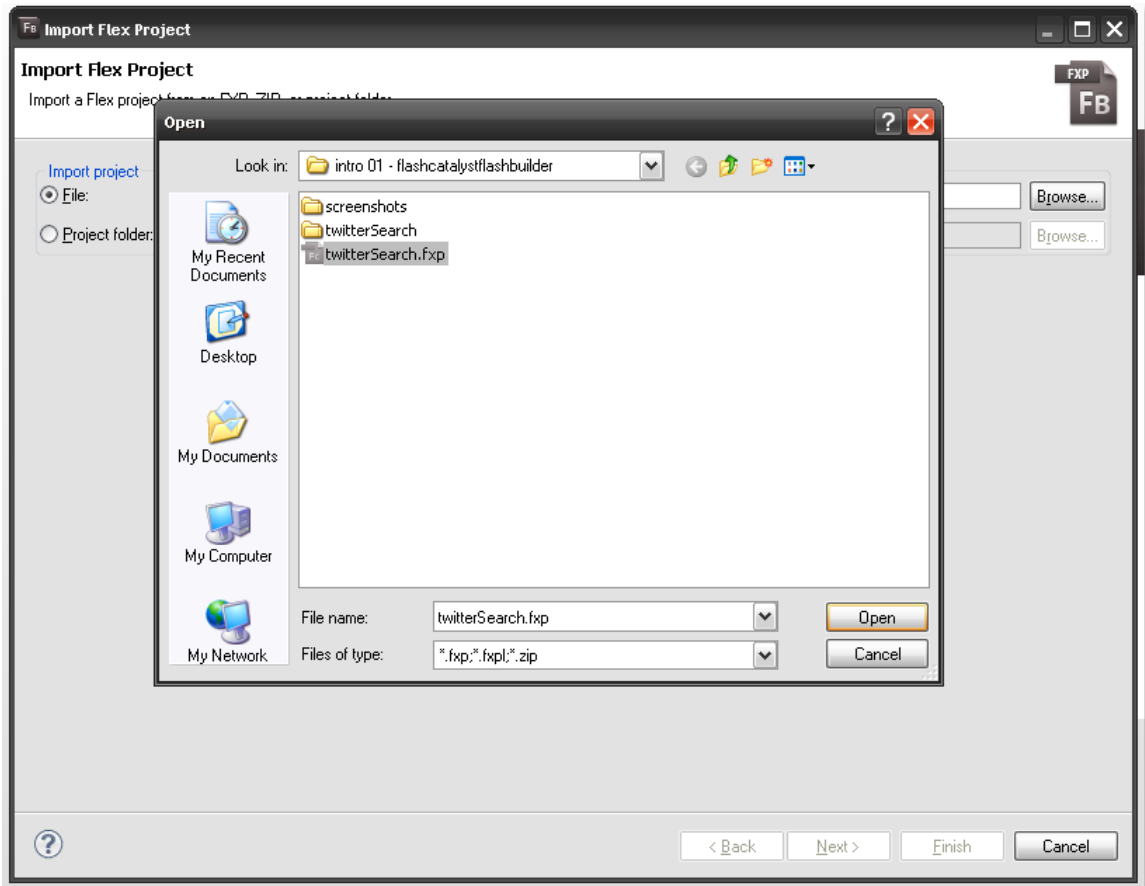# Integrasi Flash Catalyst CS5 dan Flash Builder 4

Setelah melalui proses desain dalam **Flash Catalyst CS5**, proses selanjutnya adalah pemberian kode **Actionscript 3.0** agar aplikasi **Tweeter Search** ini berfungsi semestinya.

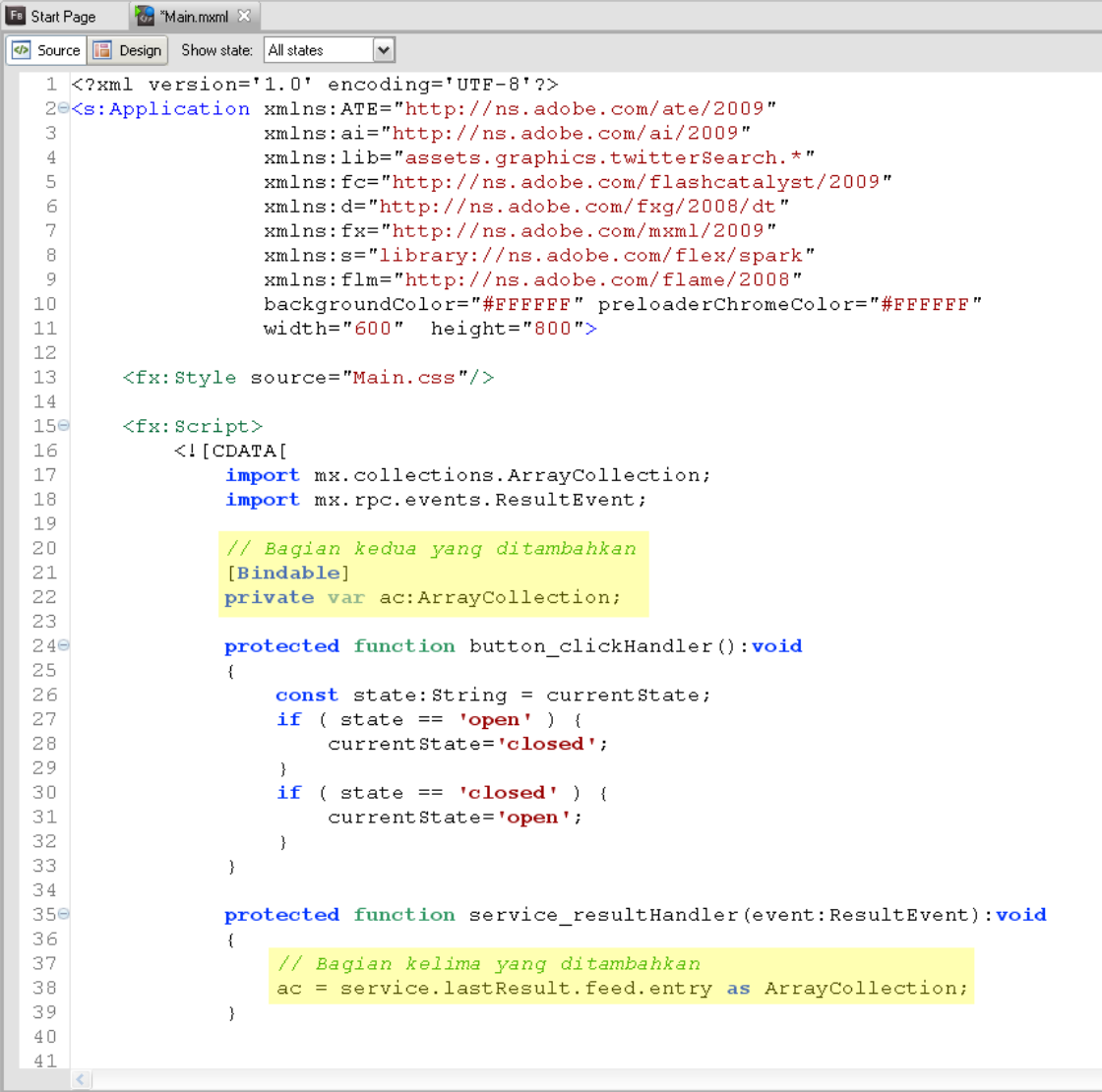1. Silakan buka program **Flash Builder 4**. Lalu pilih menu **File > Import Flex Project (FXP)**.

2. Dalam jendela dialog **Import Flex Project, klik File > Browse**. Cari lokasi dimana Anda menyimpan file **twitterSearch.fxp** yang sudah Anda buat dalam **Flash Catalyst**.

3. Buka file **Main.mxml** yang berada dalam **src package**. Lalu sesuaikan kode **Actionscript 3.0** dan **MXML**-nya. Saya sengaja memberi tanda dengan warna **kuning** untuk memudahkan Anda untuk melakukan penyesuaian.

```
Fn Start Page    *Main.mxml ☒

</> Source  🔲 Design   Show state:  All states  ▼

 1  <?xml version='1.0' encoding='UTF-8'?>
 2  <s:Application xmlns:ATE="http://ns.adobe.com/ate/2009"
 3                 xmlns:ai="http://ns.adobe.com/ai/2009"
 4                 xmlns:lib="assets.graphics.twitterSearch.*"
 5                 xmlns:fc="http://ns.adobe.com/flashcatalyst/2009"
 6                 xmlns:d="http://ns.adobe.com/fxg/2008/dt"
 7                 xmlns:fx="http://ns.adobe.com/mxml/2009"
 8                 xmlns:s="library://ns.adobe.com/flex/spark"
 9                 xmlns:flm="http://ns.adobe.com/flame/2008"
10                 backgroundColor="#FFFFFF" preloaderChromeColor="#FFFFFF"
11                 width="600"  height="800">
12
13      <fx:Style source="Main.css"/>
14
15      <fx:Script>
16          <![CDATA[
17              import mx.collections.ArrayCollection;
18              import mx.rpc.events.ResultEvent;
19
20              // Bagian kedua yang ditambahkan
21              [Bindable]
22              private var ac:ArrayCollection;
23
24              protected function button_clickHandler():void
25              {
26                  const state:String = currentState;
27                  if ( state == 'open' ) {
28                      currentState='closed';
29                  }
30                  if ( state == 'closed' ) {
31                      currentState='open';
32                  }
33              }
34
35              protected function service_resultHandler(event:ResultEvent):void
36              {
37                  // Bagian kelima yang ditambahkan
38                  ac = service.lastResult.feed.entry as ArrayCollection;
39              }
40
41
```

```
Start Page   *Main.mxml ✕

Source  Design   Show state: All states ▼

42    protected function button1_clickHandler(event:MouseEvent):void
43    {
44        // Bagian keempat yang ditambahkan
45        service.url = "http://search.twitter.com/search.atom?q=" + textinput1.text;
46        service.send();
47    }
48
49    ]]>
50    </fx:Script>
51
52    <!-- Bagian pertama yang ditambahkan -->
53    <fx:Declarations>
54        <s:HTTPService id="service" result="service_resultHandler(event)"/>
55    </fx:Declarations>
56
57    <s:states>
58        <s:State name="open" fc:color="0xcc0000"/>
59        <s:State name="closed"/>
60    </s:states>
61
62    <fx:DesignLayer d:id="2" d:userLabel="Layer 1">
63        <s:Rect height="400" width="350" x="136" y="256">
64            <s:fill>
65                <s:SolidColor color="#CCCCCC"/>
66            </s:fill>
67            <s:stroke>
68                <s:SolidColorStroke caps="none" color="#999999" joints="miter"
69                                    miterLimit="4" weight="2"/>
70            </s:stroke>
71        </s:Rect>
72        <s:Rect height="50" width="350" x="136" y="203" visible.closed="false"
73                id="rect1">
74            <s:fill>
75                <s:SolidColor color="#CCCCCC"/>
76            </s:fill>
77            <s:stroke>
78                <s:SolidColorStroke caps="none" color="#999999" joints="miter"
79                                    miterLimit="4" weight="2"/>
80            </s:stroke>
81        </s:Rect>
82        <s:TextInput skinClass="components.TextInput1" x="148" y="215"
```

```
     Start Page      *Main.mxml  ☒
    <|> Source  |▦| Design    Show state:  All states         ▼

 82              <s:TextInput skinClass="components.TextInput1" x="148" y="215"
 83                         visible.closed="false" id="textinput1"/>
 84          <!-- Bagian ketiga yang ditambahkan -->
 85          <s:Button click="button1_clickHandler(event)"
 86                    skinClass="components.SEARCHButton" x="377" y="215"
 87                    label="SEARCH" buttonMode="true" visible.closed="false"
 88                    id="button1"/>
 89          <s:Button skinClass="components.Button1" x="135" y="196" y.closed="246"
 90                    click="button_clickHandler()" id="button2"/>
 91          <!-- Bagian keenam yang ditambahkan -->
 92          <s:List skinClass="components.DataList1" x="143" y="255"
 93                  dataProvider="{ac}">
 94          </s:List>
 95      </fx:DesignLayer>
 96
 97      <s:transitions>
 98          <s:Transition fromState="open" toState="closed" autoReverse="true">
 99              <s:Parallel>
100                  <s:Parallel target="{rect1}">
101                      <s:Fade duration="250" startDelay="0"/>
102                  </s:Parallel>
103                  <s:Parallel target="{textinput1}">
104                      <s:Fade duration="250" startDelay="0"/>
105                  </s:Parallel>
106                  <s:Parallel target="{button1}">
107                      <s:Fade duration="250" startDelay="0"/>
108                  </s:Parallel>
109                  <s:Parallel target="{button2}">
110                      <s:Move duration="350" autoCenterTransform="true"
111                             startDelay="200"/>
112                  </s:Parallel>
113              </s:Parallel>
114          </s:Transition>
115          <s:Transition fromState="closed" toState="open" autoReverse="true">
116              <s:Parallel>
117                  <s:Parallel target="{rect1}">
118                      <s:Fade duration="200" startDelay="250"/>
119                  </s:Parallel>
120                  <s:Parallel target="{textinput1}">
121                      <s:Fade duration="200" startDelay="250"/>
122                      </s:Parallel>
```

```
122                  </s:Parallel>
123                  <s:Parallel target="{button1}">
124                      <s:Fade duration="200" startDelay="250"/>
125                  </s:Parallel>
126                  <s:Parallel target="{button2}">
127                      <s:Move duration="350" autoCenterTransform="true"
128                             startDelay="0"/>
129                  </s:Parallel>
130              </s:Parallel>
131          </s:Transition>
132      </s:transitions>
133
134 </s:Application>
135
```

4. Selanjutnya buka **RepeatedItem1.mxml** yang berada dalam **components package**. Lalu sesuaikan kode **Actionscript 3.0** dan **MXML**-nya. Saya sengaja memberi tanda dengan warna **kuning** untuk memudahkan Anda untuk melakukan penyesuaian.

```
Start Page    *Main.mxml    *RepeatedItem1.mxml

Source  Design  Show state: All states

 1 <?xml version="1.0" encoding="utf-8"?>
 2 <s:ItemRenderer xmlns:s="library://ns.adobe.com/flex/spark"
 3                 xmlns:fx="http://ns.adobe.com/mxml/2009"
 4                 xmlns:d="http://ns.adobe.com/fxg/2008/dt"
 5                 xmlns:ai="http://ns.adobe.com/ai/2009"
 6                 xmlns:flm="http://ns.adobe.com/flame/2008"
 7                 xmlns:mx="library://ns.adobe.com/flex/mx"
 8                 autoDrawBackground="false">
 9     <s:states>
10         <s:State name="normal"/>
11         <s:State name="hovered"/>
12         <s:State name="selected"/>
13     </s:states>
14     <s:Rect alpha.hovered="0.3" alpha.normal="0" height="93"
15             height.hovered="104" includeIn="hovered,normal"
16             d:userLabel="Item Highlight Rectangle" width="307"
17             width.hovered="319" x.hovered="0" y.hovered="0"
18             x.normal="6" y.normal="8">
19         <s:fill>
20             <s:SolidColor color="0xCED7EE" color.hovered="#FFFFFF"/>
21         </s:fill>
22     </s:Rect>
23     <s:Rect alpha="0.3" height="104" includeIn="selected"
24             d:userLabel="Item Highlight Rectangle" width="319"
25             x="0" y="0">
26         <s:fill>
27             <s:SolidColor color="#FFFFFF"/>
28         </s:fill>
29     </s:Rect>
30     <s:Group x="6" y="8">
31         <!-- Bagian ketujuh yang ditambahkan -->
32         <mx:Image height="54" d:id="3" maintainAspectRatio="false"
33                   smoothBitmapContent="true" source="{data.link[1].href}"
34                   width="52" x="1" y="19"/>
35         <s:RichText ai:aa="2" color="#333333" columnCount="1"
36                     fontFamily="Myriad Pro Light" fontSize="14"
37                     fontWeight="bold" height="14" d:id="4" kerning="on"
38                     tabStops="S36 S72 S108" text="{data.text1}"
39                     d:userLabel="Ruly Ardiansyah - 17.15" flm:variant="1"
40                     whiteSpaceCollapse="preserve" x="1" y="0"/>
41         <!-- Bagian kedelapan yang ditambahkan -->
```

```
41         <!-- Bagian kedelapan yang ditambahkan -->
42         <s:RichText ai:aa="2" color="#333333" columnCount="1"
43                     fontFamily="Myriad Pro" fontSize="12" height="74"
44                     d:id="5" kerning="on" tabStops="S36 S72 S108 S144 S180 S216"
45                     text="{data.author.name}"
46                     d:userLabel="Turn my mic up loader, I've got to say something. ..."
47                     flm:variant="2" whiteSpaceCollapse="preserve"
48                     width="245" x="62" y="19"/>
49         <s:Rect height="53" width="53" x="0.5" y="19.5">
50             <s:stroke>
51                 <s:SolidColorStroke caps="none" color="#999999"
52                                     joints="miter" miterLimit="10" weight="1"/>
53             </s:stroke>
54         </s:Rect>
55     </s:Group>
56 </s:ItemRenderer>
57
```

5. Silakan uji (**Ctrl + F11**) aplikasi **Twitter Search** ini. (**Catatan**: Anda harus dalam kondisi OnLine ☺)

Selamat Mencoba!