## Installation instructions (Version E.00)

### **IMPORTANT**

These modifications require

Version **7.10.100** (or higher) of AAG\_CloudWatcher & & Version **2.30.100** (or higher) of AAG\_WeatherCenter.

- 1. Configure the weather server of ACP Observatory Control Software to use AAG\_CloudWatcher.
  - Please refer to the help of AAG\_CloudWatcher section Working with other programs subsection Using with ACP.
- 2. Copy files
  - aAAG\_WeatherControl0.asp
  - aAAG\_WeatherControl1.asp
  - asystemstatus.asp
  - aweather.asp

to sub directory

- ACP Web Data\Doc Root\ac located in c:\ Documents and Settings\All Users\Documents\ for ACP 6.0 under Windows XP;
- or
- ACP Web Data\Doc Root\ac located in Libraries\Documents\Public Documents\ for ACP 6.0 under Windows 7;

It is strongly advisable to make a copy of the existing files before copying the modified files.

Notes:
(i) File asystemstatus.asp has been modified to allow the description of the weather to be consistent with the descriptions defined in AAG\_CloudWatcher / AAG\_WeatherCenter;
(ii) File aweather.asp has been modified to have its link pointing to AAG\_WeatherControl;

These modifications were done on the original files from version 6.0 of ACP

3. Go to authoring mode in the ACP browser and create a new tiddler and name it

### AAG\_WeatherControl

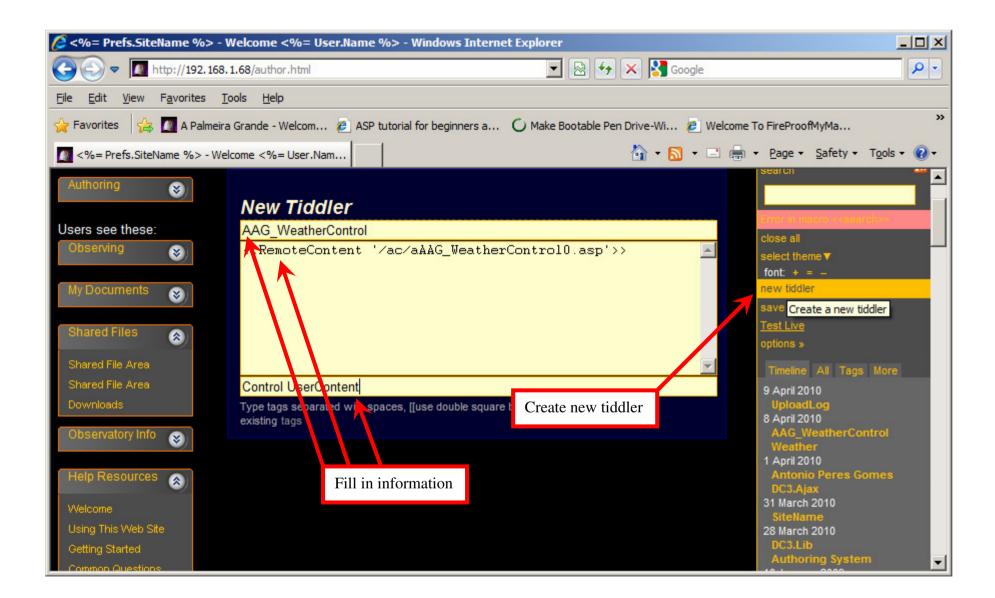
with the following content

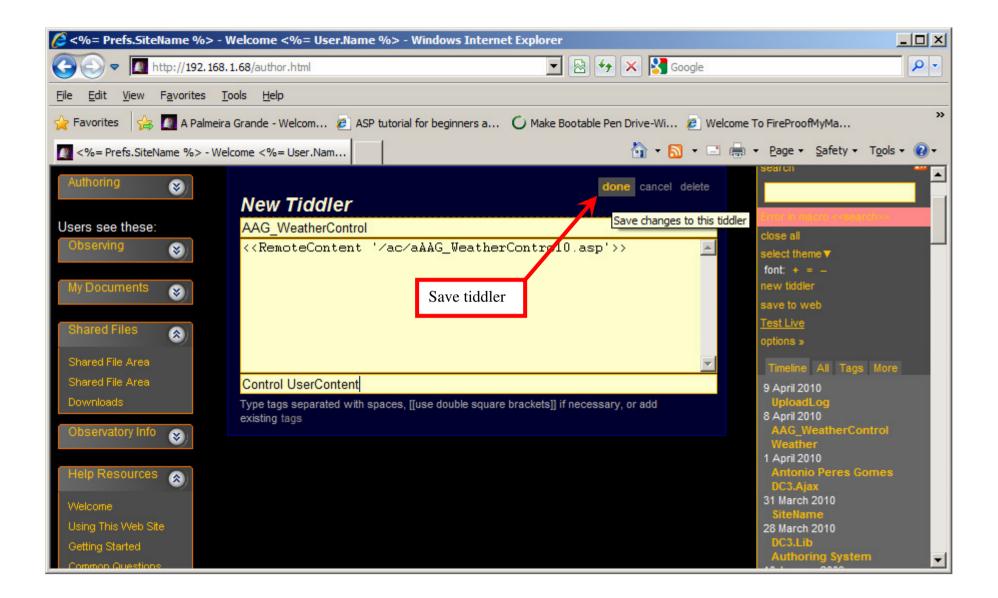
### <<RemoteContent '/ac/aAAG\_WeatherControl0.asp'>>

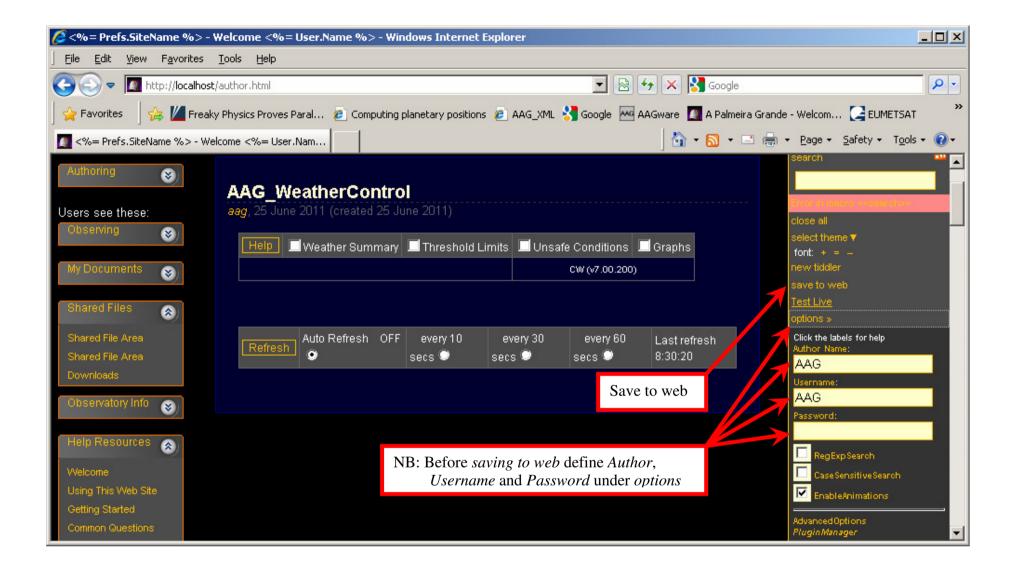
and define tags as

#### **Control UserContent**

- 4. Save tiddler by clicking on **done** and then **save to web**
- 5. The next three images highlight this procedure.







## **Modifications to the System Status tiddler**

The modifications are shown below and they were done in file *asystemstatus.asp* of the sub directory of ACP v6.0.

The modifications were performed in function **getWeatherStatus**. The text in **red** represents the text that was introduced, the text in blue is the original text and the text in green is the original text that was cancelled.

```
function getWeatherStatus()
    if(!Weather.Available)
       return "@inn/a";
    try {
       if(Weather.Precipitation)
         return("@wnRain");
                                                        // Rain is always unsafe
     \left. \right\} catch(ex) \left\{ \right\}
          ----- AAG modification new code
           var C;
          try {
                  C = new ActiveXObject("AAG ACPWeatherFeed.Weather");
           } catch(ex) {
             C = null;
                         Response.Write("AAG ACPWeatherFeed is not available.\n\n");
                         Response.End();
                                                     // We have AAG CloudWatcher and it's connected
           var ret = "";
           try {
                  ret = C.WeatherDescription()
           } catch(ex) {
             ret="Error - Incorrect version";
      ----- AAG modification cancelled code
//-
//
      var clouds = null;
                                                      // [sentinel]
//
      var wind = null;
                                                      // [sentinel]
//
```

```
//
      try {
//
        clouds = Weather.Clouds;
//
      } catch(ex) { }
//
      try {
        wind = Weather.WindVelocity;
//
//
      } catch(ex) { }
//
      var ret = "";
//
//
      if(clouds !== null) {
        if (clouds < 0.2)
//
//
           ret += "Clear";
//
        else
           ret += "Clouds";
//
//
      }
//
      if(clouds !== null && wind !== null)
        ret += " ";
//
      if(wind !== null) {
//
        if(wind < 8.0)
//
           ret += "Calm";
//
//
        else
           ret += "Wind";
//
//
//----- AAG modification END
    if(Weather.Safe) {
       if(ret === "") ret = "OK";
       ret = "@an" + ret;
     } else {
       if(ret === "") ret = "Unsafe";
       ret = "@wn" + ret;
     return ret;
```

Note that // at begin of the line turns the line into a remark.

So the block of instructions starting at line

```
// var clouds = null; // [sentinel]
//....
```

and up to

//-----AAG modification END

is fully remarked and consequently the respective instructions are disregarded.

These modifications ensure that the weather description displayed in System Status tiddler of ACP Browser is consistent with the information from AAG\_WeatherCenter / AAG\_CloudWatcher.

# **Modifications to the Weather tiddler**

The modifications are shown below and they are done in file *aweather.asp* of the sub directory of ACP v6.0.

The text in red represents the text that was introduced and the text in green is the original text that was cancelled.

// ------AAG modifications BEGIN
// Response.Write("The items and values shown are those supported by the @@" + Weather.Name + "@@ sensor. " +
// "If you have a Boltwood Cloud Sensor II, see the [[CloudSensor II]] item for more info.\n");
Response.Write("<html>The items and values shown are supplied by the " + Weather.Name + " weather server for
AAG\_CloudWatcher.</html>" +"Also see [[AAG\_WeatherControl]] for more info.\n");
// -------AAG modifications END

## Contents of ACP Web Data\Doc Root\ac directory for ACP 6.0 under Windows XP

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Folders ×	Name 🔺	Size	Туре	Date Mc 🔺
🗆 🛅 Documents and Settings	aAAG_WeatherControl0.asp	10 KB	Active Server Docu	06/01/2
E 🔁 AAG	aAAG_WeatherControl1.asp	63 KB	Active Server Docu	28/03/2
🖂 🧰 All Users	aaccountctrl.asp	12 KB	Active Server Docu	09/06/2
🗉 🛅 Application Data	aacqcal.asp	5 KB	Active Server Docu	04/10/2
🛅 Desktop	aacqdefflat.asp	3 KB	Active Server Docu	26/10/2
🗆 🧫 Documents	aacqflat.asp	5 KB	Active Server Docu	26/10/2
🗄 🛅 AAG_CloudWatcher	aacqform.asp	18 KB	Active Server Docu	17/11/2
🖂 🧰 ACP Web Data	aacqplan.asp	7 KB	Active Server Docu	16/01/2
🖃 🧰 Doc Root	acamconn.asp	2 KB	Active Server Docu	01/12/2
ac	acatlookup.asp	4 KB	Active Server Docu	04/11/2
author-backup	🛃 acheckplan.asp	4 KB	Active Server Docu	21/11/2
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