

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.

<%= Prefs.SiteName %> - Welcome <%= User.Name %> - Windows Internet Explorer

http://192.168.1.68/author.html

File Edit View Favorites Tools Help

★ Favorites | A Palmeira Grande - Welcom... ASP tutorial for beginners a... Make Bootable Pen Drive-Wi... Welcome To FireProofMyMa...

<%= Prefs.SiteName %> - Welcome <%= User.Nam... | Page Safety Tools

Authoring

Users see these:

- Observing
- My Documents
- Shared Files
 - Shared File Area
 - Shared File Area
 - Downloads
- Observatory Info
- Help Resources
 - Welcome
 - Using This Web Site
 - Getting Started
 - Common Questions

New Tiddler

AAG_WeatherControl

```
RemoteContent '/ac/aAAG_WeatherControl0.asp' >>
```

Control UserContent

Type tags separated with spaces, [[use double square brackets for existing tags]]

Create new tiddler

Fill in information

search

Error in macro <<search>>

close all

select theme ▾

font: + = -

new tiddler

save Create a new tiddler

Test Live

options »

Timeline All Tags More

9 April 2010
UploadLog

8 April 2010
AAG_WeatherControl
Weather

1 April 2010
Antonio Peres Gomes
DC3.Ajax

31 March 2010
SiteName

28 March 2010
DC3.Lib
Authoring System

Windows Internet Explorer browser window showing a web page titled "New Tiddler". The address bar displays "http://192.168.1.68/author.html". The page content includes a text area with the following code:

```
AAG_WeatherControl
<<RemoteContent '/ac/aAAG_WeatherControl10.asp' >>
```

Below the text area, the label "Control UserContent" is visible. A red box highlights the text "Save tiddler" in the center of the page. A red arrow points from this box to the "done" button in the top right corner of the editing area. Other buttons labeled "cancel" and "delete" are also present. A tooltip above the "done" button reads "Save changes to this tiddler".

The left sidebar contains navigation links: "Authoring", "Users see these:", "Observing", "My Documents", "Shared Files", "Shared File Area", "Downloads", "Observatory Info", and "Help Resources".

The right sidebar shows a search bar, a red error message "Error in macro <<search>>", and a list of recent entries with dates and titles, including "UploadLog", "AAG_WeatherControl Weather", and "Antonio Peres Gomes DC3.Ajax".

<%= Prefs.SiteName %> - Welcome <%= User.Name %> - Windows Internet Explorer

File Edit View Favorites Tools Help

http://localhost/author.html

Google

Favorites Freaky Physics Proves Paral... Computing planetary positions AAG_XML Google AAGware A Palmeira Grande - Welcom... EUMETSAT

<%= Prefs.SiteName %> - Welcome <%= User.Nam... | Home RSS Print Page Safety Tools ?

Authoring

Users see these:

Observing

My Documents

Shared Files

Shared File Area

Shared File Area

Downloads

Observatory Info

Help Resources

Welcome

Using This Web Site

Getting Started

Common Questions

AAG_WeatherControl

aag, 25 June 2011 (created 25 June 2011)

Help Weather Summary Threshold Limits Unsafe Conditions Graphs

CW (v7.00.200)

Refresh Auto Refresh OFF every 10 every 30 every 60 Last refresh 8:30:20

secs secs secs

Save to web

search

Error in macro: <searches>

close all

select theme ▼

font: + = -

new tiddler

save to web

Test Live

options >

Click the labels for help

Author Name:

AAG

Username:

AAG

Password:

RegExp Search

Case Sensitive Search

Enable Animations

Advanced Options

PluginManager

NB: Before saving to web define Author, Username and Password under options

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

  } catch(ex) { }

  //----- 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><p>The items and values shown are supplied by the " + Weather.Name + " weather server for
//     AAG_CloudWatcher.</p></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

