

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

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<%= 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

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 the "New Tiddler" dialog box. The browser address bar displays `http://192.168.1.68/author.html`. The page title is `<%= Prefs.SiteName %> - Welcome <%= User.Name %>`.

The "New Tiddler" dialog box is open, showing the following content:

- Title: **New Tiddler**
- Text: `AAG_WeatherControl`
- Code: `<<RemoteContent '/ac/aAAG_WeatherControl10.asp' >>`
- Control: `UserContent`

The dialog box includes a "done" button, a "cancel" button, and a "delete" button. A red arrow points from a "Save tiddler" button (highlighted in a red box) to the "done" button. A tooltip above the "done" button reads "Save changes to this tiddler".

The left sidebar contains the following sections:

- 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

The right sidebar shows a search bar and a list of tiddlers:

- Search:
- Error in macro <<search>>
- close all
- select theme ▾
- font: + = -
- new tiddler
- save to web
- 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

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

File Edit View Favorites Tools Help

http://localhost/author.html

search

Enter 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

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

secs secs secs 8:30:20

Save to web

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

