ALCW Initial Config

The configuration of the ALCW is initially established from a simple file held on the web site off the root in the directory /cfg.

In the current implementation the file is named alc_init.cfg, but any solo file in this directory with the extension .cfg would be accepted.

This is an example file:

```
-------------------
SUSPEND_GET_MAIL::1
GET_MAIL_IMAP::imap.gmail.com:993/ssl/novalidate-cert
GET_MAIL_ACCOUNT::alc.mailin@gmail.com
GET_MAIL_PASSWORD::harrie123
-------------------
MAX_UPLOAD_FILESIZE::8000000
---->EMAIL Settings
------------------
EMAIL_ENABLED::1
GMAIL_HOST::smtp.gmail.com
GMAIL_PORT::465
GMAIL_USERNAME::alc.mailout@gmail.com
GMAIL_PASSWORD::harrie123
GMAIL_FROM::alc.mailout@gmail.com
GMAIL_FROM_NAME::A LA CARTE
---->DB Settings
-------------------
DB_HOST::localhost
DB_CATALOG::srolphdb
DB_WORK_CATALOG::srolphdb
DB_USER::srolphdb
DB_USER_PW::srolphdb
---->Network
-------------------
CRON::1
HOST::http://www.actionotes.com/ALCW/
```

Lines begining ----- are comments and are ignored.
The simple syntax is KEYWORD::<value>.

The first section deals with incoming mail to the ALCW site. These should be IMAP enabled mail services. SUSPEND_GET_MAIL is a safety switch to avoid clashes when more than one implementation of ALCW is running with the same email provider. 1 indicates that get mail is enabled, 0 would suspend get mail on this service for this mailbox.

MAX_UPLOAD_FILESIZE is a helper value to avoid attempting to upload files outside of the php configuration. Should match (or be less than) that specified in the php.ini

The EMAIL settings section specify the email out config. This uses an smtp mail box server which forwards email to the required destination.

The DB settings set the specification for the system database. This is a MySQL implementation. This database holds the information for running the ALCW site, it is not part of the data warehouse and has no relation to that. Temporary tables (for transformations specifically) are created in the catalog DB_WORK_CATALOG. This catalog must pre-exist. In this example because the hosting site does not llow for more than one catalog then it is the same as the base catalog (not ideal) - but there is no clash as all temporary tables are created with unique names.

CRON value 1 says that the background processing is handled by a cron service. In this example and implementation the cron service will open the following url:
http://www.actionotes.com/ALCW/cron.php
If the value had been 0, then it indicates that there is no cron service and background processing will be taken over by any online user automatically.

The HOST value is a helper to attach links into emails (for return calls etc). It normally always matches the actual host address of the implementation, but could be used to redirect return calls to a different site.

The config file is only loaded once per session. A change to the config file will not be reflected in any current sessions. But also there is no need to restart the web service after a change to the config file.