

KNOW YOUR CONFIG FILE

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unitedknowledge



KNOW YOUR CONFIG FILE

The Config File

What is it?

- Defines the behaviour of WebGUI
- Informs WebGUI about it's environment

EXAMPLE

```
#           "password" : "password"
#           },

# Set this value if you wish to override all outbound emails to a specific
# user for testing purposes.
# "emailOverride" : "joe@example.com",

# By adding CIDR based subnets to the following array you can limit the
# subnets by which users can turn admin mode on.
```

EXAMPLE

```
#           "password" : "password"  
#           },
```

```
# Set this value if you wish to override all outbound emails to a specific  
# user for testing purposes.
```

```
# "emailOverride" : "joe@example.com",
```

```
# By adding CIDR based subnets to the following array you can limit the  
# subnets by which users can turn admin mode on.
```

EXAMPLE: WebGUI.conf.original

```
#           "password" : "password"
#           },

# Set this value if you wish to override all outbound emails to a specific
# user for testing purposes.
# "emailOverride" : "joe@example.com",

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# By adding CIDR based subnets to the following array you can limit the
# subnets by which users can turn admin mode on.
```

EXAMPLE

```
#           "password" : "password"  
#           },
```

```
# Set this value if you wish to override all outbound emails to a specific  
# user for testing purposes.
```

```
"emailOverride" : "arjan@unitedknowledge.nl",
```

```
# By adding CIDR based subnets to the following array you can limit the  
# subnets by which users can turn admin mode on.
```

JSON

The config file is in 'JSON' format

What is it?

- JavaScript Object Notation (json)
 - A lightweight data-interchange format.
 - It is easy for humans to read and write AND it is easy for machines to parse and generate.
 - JSON is a text format that is completely language independent.

JSON

JSON is build on two structures:

- A collection of name/value pairs.
- An ordered list of values.

By example

The whole config file is put between curly braces:

```
# config-file-type: JSON 1
{
# Add a comma separated ...
(...)
}
```

By example

In the config we see three forms of JSON structures:

1. string/value pairs

The value can be a string, between double quotes, or a number, or true or false or null:

```
"gateway" : "/",  
"sslEnabled" : 0,  
"sitename" : [ "www.arjan.nl", "arjan.nl" ],  
"dbslavel1" : { "dsn" : "DBI:mysql:www_arjan_nl;host=localhost",  
                "user" : "webgui",  
                "password" : "password"  
            },
```

By example

In the config we see three forms of JSON structures:

2. a value can also be an array of values

The value can be a string, between double quotes, or a number, or true or false or null:

```
"gateway" : "/",  
"sslEnabled" : 0,  
"sitename" : [ "www.arjan.nl", "arjan.nl" ],  
"dbslavel1" : { "dsn" : "DBI:mysql:www_arjan_nl;host=localhost",  
                "user" : "webgui",  
                "password" : "password"  
            },
```

By example

In the config we see three forms of JSON structures:

3. a value can be another string/value pair

The value can be a string, between double quotes, or a number, or true or false or null:

```
"gateway" : "/",  
"sslEnabled" : 0,  
"sitename" : [ "www.arjan.nl", "arjan.nl" ],  
"dbslavel1" : { "dsn" : "DBI:mysql:www_arjan_nl;host=localhost",  
                "user" : "webgui",  
                "password" : "password"  
            },
```

Summary

- We change the behaviour of WebGUI with the config file.
- We know how to use the syntax of the config file
- But why? What would we do with it?
- You choose from a few real-world problems!

Real world problems/desires

- How to optimize database usage?
- How to restrict admin mode to your office only?
- How to optimize memory usage?
- How to change the interface of assets and WebGUI itself?
- How to redirect all emails for testing purposes?
- How to enable versioning?
- How to be logged-in and not-logged with one browser?

Vote: <http://arjan.unitedknowledge.nl/poll>

