

Orangutan - Enhancement #1600

Change configuration file format

01 Feb 2011 13:15 - Andriy Lesyuk

Status:	Open	Start date:	01 Feb 2011
Priority:	Minor	Due date:	
Assignee:	Andriy Lesyuk	% Done:	0%
Category:	Core	Estimated time:	0.00 hour
Target version:	2.00		

Description

Current configuration file format is too simple and too limited. I believe Orangutan configuration should be flexible and extendable. So change of configuration file format is needed.

What is the problem? There were an idea to allow changing weight of contexts using configuration file. With current format it would look like this:

```
contexts.weight          = Issue:-10
contexts.request_weight  = Issue:-10
contexts.response_weight = Issue:undef
```

This looks odd...

So the idea is to change to something like:

```
Context Issue {
  Weight {
    Request  -10
    Response undef
  }
}
```

The current file will look like this:

```
Changelog Changelog
DisplayName "%f %s"

Admin user@localhost
Manager user@localhost

UsersDirectory Users
UserData Data
ContextsDirectory Contexts
MonkeysDirectory Monkeys

Contexts {
  Policy Exclude
  Include Issue
  Include Task
  ...
}

Monkeys {
  RedMonkey redmonkey@localhost
```

```
}

Jabber {
  Hostname localhost
  Port 5222
  ...
}

Context Issue {
  Field SomeField Value
  Option SomeOption Value
}

Include weights.conf
```

Note: The format is subject to change.

It would be also great if functions to access configuration values would look like this:

```
$main::config::Monkeys::RedMonkey;
```

Related issues:			
Related to Orangutan - Enhancement #1081: Disabling contexts + maybe changing...	Closed	01 Nov 2010	01 Feb 2011
Precedes Orangutan - Enhancement #1601: Configuring contexts weights	Incomplete	02 Feb 2011	02 Feb 2011

History

#1 - 01 Feb 2011 19:09 - Andriy Lesyuk

As a part of this issue default values should be implemented!.. That is if currently we do:

```
$main::config->Get('section', 'parameter');
```

In new version there should be supported an additional optional argument:

```
$main::config->Get('section', 'parameter', 'default_value');
```

Of course, the syntax will change etc...

#2 - 02 Feb 2011 16:28 - Andriy Lesyuk

- Category changed from Configuration to Core

#3 - 02 Feb 2011 16:31 - Andriy Lesyuk

- Target version set to 2.00

#4 - 03 Mar 2011 12:51 - Andriy Lesyuk

- Tracker changed from Improvement to Enhancement

#5 - 04 Mar 2011 00:08 - Andriy Lesyuk

Today one user (Sandeep) asked me how to specify MySQL socket file path... Currently it's not possible! With new configuration it can be done like:

```
MySQL {  
    Option mysql_socket <path>  
}
```

#6 - 31 Aug 2011 16:40 - Andriy Lesyuk

New configuration file format can also be used for quick disabling/enabling contexts.

For example contexts can be virtually grouped:

```
Group TimeTracking {  
    Issue  
    Task  
    ...  
}
```

Then just disabled:

```
Exclude TimeTracking
```