

# INSTALLATION GUIDE

## eAnalytics – Debian Package (eAnalytics V1.1)

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## CHANGE LOG

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## 1. INTRODUCTION

eAnalytics is a Digital Analytics System that provides detailed customer and visitor behavior analysis. This Open Source solution consists of different components that can be used to build a custom specific web analytics systems, tailored to the specific needs of companies required to track visitors on their websites. In fact, it is more a complete Data Warehouse environment for SMBs than just a web analytics system

With the eAnalytics Version 0.92 we have simplified the installation process considerably. This version of the installation guide is valid for installation packages for eAnalytics 1.1 or later.

The Installation Guide describes all steps necessary in order to get the whole system up and running.

### HINT:

Although we use 'vi' as editor, you may of course use the one editor within the linux terminal you like most (like 'nano' or whatever is installed on your system)!

## 2. SYSTEM REQUIREMENTS

This guide assumes you installed an Ubuntu Server-System Version 14.04. Whatever user you use to install eAnalytics – this user must have the ‘sudo’ right.

Make sure the update the package index using: `sudo apt-get update`

Command	Version
<code>sudo apt-get install perl</code>	5
<code>sudo apt-get install libnet-smtpauth-perl</code>	
<code>sudo apt-get install libhtml-parser-perl</code>	
<code>sudo apt-get install libgeo-ip-perl</code>	
<code>sudo apt-get install apache2</code>	2
<code>sudo apt-get install libapache2-mod-jk</code>	-
<code>sudo apt-get install apparmor-profiles</code>	
<code>sudo apt-get install php5</code>	5
<code>sudo apt-get install openjdk-6-jdk</code>	6
<code>sudo apt-get install tomcat6</code>	6
<code>sudo apt-get install unzip</code>	-
<code>sudo apt-get install zlib1g-dev</code>	-
<code>sudo apt-get install mysql-server-5.5</code> (please set no root password - leave it blank, the password will be set later in the installation process!)	5.5

## 3. INSTALLATION OF THE EANALYTICS DEBIAN PACKAGE

Please download the debian package to your users' home directory and trigger the installation process, e.g. via

```
cd
wget https://sourceforge.net/projects/eanalytics/files/Debian-Package/eanalytics_1404f_1.1-1_amd64.deb

sudo dpkg -i eanalytics_1404f_1.1-1_amd64.deb
```

You will be asked to set the passwords for the system processing user: "eanalytics" and for the mysql root user. Choose and set them as you like.

You can also set the server credentials for the job scheduling notification or you can do that later within the config file `"/etc/opt/eanalytics/informant.ini"`.

Then you should provide a domain name or the IP address of the eAnalytics server so that the redirect will work.

## 4. NEXT STEPS

The preceding steps described the installation of eAnalytics. But what's next?

### 4.1. eAnalytics Tag Implementation

In order to get data into the eAnalytics databases the eAnalytics Tag has to be implemented into a website.

The following documents guide through this process.

#### Quick-Start Page Tagging Installation Guide

- [eAnalytics\\_Quick\\_Start\\_Page\\_Tagging\\_Guide\\_V1\\_5\\_german.pdf](#)
- [eAnalytics\\_Quick\\_Start\\_Page\\_Tagging\\_Guide\\_V1\\_5\\_english.pdf](#)

#### Detailed Page Tagging Guide

- [eAnalytics\\_Page\\_Tagging\\_Guide\\_english\\_V1\\_7.pdf](#)

## 4.2. Start the eAnalytics Process

The last step is to activate the process by uncomment the crontab. In the first step only the yellow lines have to be uncommenting using:

```
sudo -u eanalytics crontab -e
```

```
# m h dom mon dow   command
#
# INFORMANT - send queued messages
# * * * * * /opt/eanalytics/bin/informant.pl -i=/etc/opt/eanalytics/informant.ini
>> /var/log/eanalytics/informant.log 2>&1
#
# CHAIN 1 - load pixelz
# 0,5,10,15,20,25,30,35,40,45,50,55 * * * * /opt/eanalytics/bin/chainer.pl -
i=/etc/opt/eanalytics/chainer_chain1.ini >> /var/log/eanalytics/chain1.log 2>&1
#
# CHAIN 2 - hourly processing
# 0 * * * * /opt/eanalytics/bin/chainer.pl -
i=/etc/opt/eanalytics/chainer_chain2.ini >> /var/log/eanalytics/chain2.log 2>&1
#
# CHAIN 3 - adwords processing
# 0 3 * * * /opt/eanalytics/bin/chainer.pl -
i=/etc/opt/eanalytics/chainer_chain3.ini >> /var/log/eanalytics/chain3.log 2>&1
#
# CHAIN 4 - twitter processing
# 5 1 * * * /opt/eanalytics/bin/chainer.pl -
i=/etc/opt/eanalytics/chainer_chain4.ini >> /var/log/eanalytics/chain4.log 2>&1
#
# CHAIN 5 - adwords processing
# 0 14 * * * /opt/eanalytics/bin/chainer.pl -
i=/etc/opt/eanalytics/chainer_chain5.ini >> /var/log/eanalytics/chain5.log 2>&1
#
# CHAIN 6 - twitter processing
# 5 14 * * * /opt/eanalytics/bin/chainer.pl -
i=/etc/opt/eanalytics/chainer_chain6.ini >> /var/log/eanalytics/chain6.log 2>&1
#
# CHAIN DAILY - purge log files
# 55 23 * * * /opt/eanalytics/bin/chainer.pl -
i=/etc/opt/eanalytics/chainer_chaindaily.ini >> /var/log/eanalytics/chaindaily.log
2>&1
# 55 0 * * * perl /var/log/apache2/LogfileDayMaker.pl -v=/var/log/apache2/1000 -
z=/var/log/apache2/archive/1000 -m=1000 -d purge=30 -log=eatlog -proc=proc >>
/var/log/eanalytics/chaindaily.log 2>&1
```

**NOTE: Uncomment chain3, chain4, chain5, chain6 only when the setup of the Google Adwords Interface and the Twitter Interface is done! To setup these interfaces follow the corresponding instructions (Google Adwords and Twitter interface set-up documentation).**



## 4.3. Access eAnalytics

In order to open the eAnalytics Portal – just type in the domain name or the IP address of the eAnalytics server and you will be brought to the login page. With the user “admin” and the initial password “Welcome” you are ready to start.