

Installation Guide for Gentoo Linux

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Describes how to use the ebuilds to install ast and ta-lib.

This guide will describe how to install ast on a Gentoo Linux system using the ebuilds provided. AST is not part of portage's packages yet. You will need to setup a portage overlay, if you haven't done so already, to use the ebuilds for ast.

Setting up a Portage Overlay

To create a portage overlay, add the following line to your `/etc/make.conf`:

```
PORTDIR_OVERLAY="/usr/local/portage"
```

Also, you should create this directory:

```
mkdir -p /usr/local/portage
```

First, we need to install the ebuild. Go into your portage overlay directory, download and extract the ebuild files. Make sure to replace the file name here with latest version of AST:

```
cd /usr/local/portage
wget http://easynews.dl.sourceforge.net/sourceforge/ast/ast-ebuild-0.2.0_pre2.tar.gz
tar -xf ast-ebuild-0.2.0_pre2.tar.gz
rm ast-ebuild-0.2.0_pre2.tar.gz
```

Now that you have the AST ebuilds, you can install AST using emerge. AST is currently masked, so make sure to unmask it first. You don't need to download any other files, or worry about dependencies. The ebuild takes care of installing ta-lib as well.

```
echo "www-apps/ast ~x86" >> /etc/portage/package.keywords
emerge ast
```

Configuration

The last things you need to do are configure apache and load the crontab. If you have previously installed ast, you can skip this step. Add the following to your `/etc/apache2/httpd.conf` (at the bottom is fine):

```
<Directory "/var/www/localhost/htdocs/ast">
    AllowOverride All
    Options ExecCGI
    SetHandler cgi-script
    DirectoryIndex ast
</Directory>
```

You need to restart apache to make it load the new settings:

```
/etc/init.d/apache2 restart
```

You also need to load the crontab for ast:

```
crontab /var/www/localhost/htdocs/ast/share/example/crontab
```

Using AST

To use AST, simply navigate to `http://localhost/ast/ast`.