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Links

Implementations

- <http://code.sixapart.com/trac/gearman>
- <http://gearman.org/>

Documentation

- protocol: <http://gearman.org/index.php?id=protocol>
- HTTP: <http://oddmments.org/?p=68>

Cookbook

Sysadmin Cookbook :: gearman

- gearman

0.install.sh

- ◆ install German::Client from package 2010-05-02 16:24 gearman/0.install.sh

```
apt-get install libgearman-client-perl
```

gearman.pl

- ◆ simple perl command-line client dependent only on libgearman-client-perl which is in etch 2010-05-01 12:49 gearman/gearman.pl

```
#!/usr/bin/perl

use warnings;
use strict;

use Data::Dump qw(dump);
use Getopt::Long;
use Gearman::Worker;

my $host = '10.60.0.244:4730';
my $function = 'test';
```

```

GetOptions(
    'host' => \$host,
    'function' => \$function,
) || die $!;

my $worker = Gearman::Worker->new;
$worker->job_servers( $host );
$worker->register_function( $function => sub {
    my $job = $_[0];
    my $arg = $_[0]->arg;
    warn "# job ", dump($job);
});
warn "# worker ", dump($worker);
$worker->work while 1;

=for client

my $client = Gearman::Client->new;
$client->job_servers($host);

# running a single task
my $result_ref = $client->do_task("add", "1+2");
print "1 + 2 = $$result_ref\n";

# waiting on a set of tasks in parallel
my $taskset = $client->new_task_set;
$taskset->add_task( "add" => "1+2", {
    on_complete => sub { ... }
});

$taskset->add_task( "divide" => "5/0", {
    on_fail => sub { print "divide by zero error!\n"; },
});
$taskset->wait;

=cut

```

grep_logs.sh

◆ simple grep_hostname worker 2010-05-01 12:37
gearman/grep_logs.sh

```

#!/bin/sh -x

# echo 'error' | gearman -f grep_logs

if [ -z "$1" ] ; then
    hostname=`hostname`
    exec /srv/gearmand/bin/gearman -h 10.60.0.244 -w -f grep_$hostname $0 $hostname
fi

read pattern
grep $pattern /var/log/*.log

```