t=0x8aac4a0 [0,0]
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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://oddments.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 depenent 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
```