

# Simple Job Type front end

Here is an Perl example of a typical job front end that can handle a job that is based on frames.

## Example

```
use lib ../api/perl; use qb;

my %env = %ENV;

my $frames = qb::genframes("1-300");

my $data = {
    "env" = \%env,

    "cmdline" = /bin/sleep . int(rand(40) + 1) };

my $job = {
    "name" => "Frame Job", "priority" => 1, "prototype" => "frame", "branch" => "/",
    "cpus" => 20,
    "data" => $data,
    "work" => $frames
};

my @jobs = qb::submit($job); for my $job (@jobs) {

    print "submitted job - id: ", $job->{id}, "\n"; }
```

Initially set the path to the API library, and load the API module. Every job contains a copy of the user's environment variables. These variables can be manipulated, if necessary.

- [Generating agendas](#)