

## Job Spider XML / HTTP Posting

### Introduction

This document provides job spider posting interface description for automatic job publishing to 3<sup>rd</sup> party job board application.

### Posting Process

Job spider collects jobs parsed and creates either:

1. Single XML file containing both commands and all jobs content
2. Multiple XMLs files (one for each job)

XML created is posted via HTTP to your job board interface / URL.

### Synchronization mode

Job posting can be delivered in one of 2 modes:

1. Synchronize jobs:
  - a. Only newly downloaded jobs will be posted  
(jobs posted in previous sessions will not be repeatedly posted)
  - b. Jobs expired on source website will be removed
2. Re-post all jobs:
  - a. All of the jobs available in database based on latest scraping session will be passed to job board
  - b. Expired jobs will not be removed

### Standard Job Spider commands:

#### 1. Add job

Posts new job or updates current one

#### 2. Remove job

Expires the job already posted

## XML Tags List

Fields are configured to match recipient job board interface:

1. Post
2. employer\_company\_name
3. ...

## URL to post to:

Specify\_your\_job\_board.com/interface to post to via HTTP

## XML query example:

```
<?xml version="1.0" encoding="UTF-8"?>  
<post>  
<employer_company_name>Sample Company Name</employer_company_name>  
<employer_title>Sample Title</employer_title>  
...
```

## XML response example (if OK):

```
<response>  
<status>success</status>  
<url>url</url>  
<id>17807</id>  
</response>
```

Please note: format of response XML can't be changed

## Remove Command

URL: supplyURL\_to\_remove

## XML response example (if OK):

```
<response>  
<status>success</status>  
</response>
```

Please note: format of response XML can't be changed

## Alternative posting means & custom jobs XML

Custom posting options can be mapped for target job boards having no HTTP interface described above.

Client target job board can have both:

- unique XML format mapped (based on target job board database settings)
- posting organized via sFTP, email send, fetch from spider URL

### Custom jobs XML example:

```
<?xml version="1.0" encoding="UTF-8"?>
<jobs>
  <job>
    <id>293328306</id>
    <posted_time><![CDATA[2010-12-06 04:22:56.107]]></posted_time>
    <Ref>100TT</Ref>
    <Title>Product Specialist</Title>
    <url><![CDATA[https://company.taleo.net/?job=11111]]></url>
    <City>Florida</City>
    <Country>United States</Country>
    <State>Florida</State>
    <JobCategory>Sales</JobCategory>
    <job_type>Full-time</job_type>
    <Description><![CDATA[Sample company description...
<br><br><b>Qualifications:</b><br><P>Oral and written communication skills to communicate with
customers and support personnel... </P>]]></Description>
  </job>
  <job>
    ...
  </job>
</jobs>
```