

Job Import

It allows administrators to upload job ads to job board from XML document. Implementation is done using web service which means that this feature can be used by third part application as well as from administration section.

Web Service

Name: jobimport

Url: www.JOBBOARDNAME.com/webservices/jobimport.aspx

List of web service operations:

ImportFromString(string sourceString, string mapUrl)

ImportFromUrl(string sourceUrl, string mapUrl)

* mapUrl is optional, to ignore it, pass empty string value

XML File

Job Ads are imported from XML file or XML file converted to string. Whatever method you use for import, it has to be valid XML document for import feature to work. Using single XML file it is possible to upload one, two or more job ads at same time.

XML Structure:

```
<?xml version="1.0" encoding="utf-8" ?>
<jobs>
  <job>
    ...
  </job>
  ...
  <job>
    ...
  </job>
  ...
</jobs>
```

Job Fields:

Field Name	Mandatory	Values	Description
command	Yes	add, delete	Action type
employer_username	Yes	String	Employer username
employer_password	Yes	String	Employer password
reference	Only for delete action	String	Job reference
title	Yes	String	Job title

description	Yes	String	Job description
category	Yes	Integer	Job category
position_type	No	1 (full time) 2 (part time)	Job position type
employee_type	No	1 (employee) 2 (intern) 3 (contract, temporary)	Job employee type
country	Yes	2 digit country code	Job country
state	No	String or integer; if integer it will be mapped with state id	Job state
city	Yes	String	Job city
company_name	No	String	Job company name
application_email	Yes	Email address	Job application email

There are two actions that can be done:

1) Add Job

```
<job>
  <command>Add</command>
  <employer_username>Username</employer_username>
  <employer_password>Password</employer_password>
  <title>Job Title</title>
  <description>Job Description</description>
  <category>10</category>
  <position_type>1</position_type>
  <employee_type>1</employee_type>
  <application_email>job@application.email</application_email>
  <reference>JobReference</reference>
  <company_name>CompanyName</company_name>
  <country>US</country>
  <state>5</state>
  <city>San Francisco</city>
</job>
```

2) Delete Job

```
<job>
  <command>Delete</command>
  <employer_username>Username</employer_username>
  <employer_password>Password</employer_password>
  <reference>JobReference</reference>
</job>
```

Map File

This XML file provides you with possibility to convert tag names or values from XML file to conform to job board values.

id attribute - job board value

Inner text - imported value

Inner text -> id

There are three items that can be mapped:

- Tag names
- Categories
- States

Example 1:

`<category id="10">IT</category>` converts category value "IT" to "10" that correspond to default category ID for "Information Technology" category.

Example 2:

Tags used in XML file don't have to be same as default tags but then you have to map them.

```
<job>  
  <command>Add</command>
```

or

```
<job>  
  <cmd>Add</cmd>
```

and use map file to set new tag name

```
<tag id="command">cmd</tag>
```

Map file example:

```
<?xml version="1.0" encoding="utf-8" ?>  
<map>  
  <tags>  
    <tag id="reference">ref</tag>  
    <tag id="command">cmd</tag>  
  </tags>  
  <categories>  
    <category id="10">IT</category>  
    <category id="1">Administration</category>  
  </categories>  
  <states>  
    <state id="5">CALIFORNIA</state>  
  </states>  
</map>
```

If mapping is done incorrectly, job upload will fail.