

Rigzone Jobs API Endpoints

Created: 24 April 2013

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Job Search

URL: <http://www.rigzone.com/api/v1/jobs/search>

Header:

Authorization: z48agefRusux (iOS)/ brA5wuquFruD (android)

Device-ID: {ID}

Member-ID: {ID} (if available)

Content-Type: application/json

Request Type: POST

Body:

```
{"Keywords":"drill","Oldest":0}
```

Body Definitions:

Keywords: The search string

Oldest: The Oldest PostingID in the current list. All returned jobs will be older than this. 0 defaults to all

HTTP Response

Header:

HTTP/1.1 200 OK

Content-Type: application/json

Body:

```
[
  {
    PostingID: 344352,
    JobTitle: "Drilling helper",
    CountryID: 98,
    CountryName: "",
    RegionID: 6,
    RegionName: "Far East",
    SuperRegionID: 6,
    SuperRegionName: "Asia Pacific",
    JobLocation: "US",
    JobState: "",
    DateCreated: "2013-02-01",
    CategoryName: "Drilling",
    JobsCategoryID: 3,
    EducationLevel: "Tech/Vocational Cert.",
    EduDisplayOrder: 3,
    EmploymentType: "",
    AppliedDate: "2013-06-14",
```

```

BookmarkDate: ""
JobURL: "http://www.rigzone.com/jobs/postings/344352/Driller_Helper.asp"
},
{
  PostingID: 344348,
  JobTitle: "Super Driller",
  CountryID: 220,
  CountryName: "US",
  RegionID: 7,
  RegionName: "North America",
  SuperRegionID: 1,
  SuperRegionName: "North America",
  JobLocation: "H-Town Baby",
  JobState: "",
  DateCreated: "2013-01-30",
  CategoryName: "Drilling",
  JobsCategoryID: 3,
  EducationLevel: "Masters Degree",
  EduDisplayOrder: 6,
  EmploymentType: "",
  AppliedDate: "",
  BookmarkDate: "2013-06-17"
  JobURL: "http://www.rigzone.com/jobs/postings/344348/Super_Driller.asp"
}
]

```

Job Apply

URL: <http://www.rigzone.com/api/v1/jobs/{id}/apply>

Header:

Authorization: z48agefRusux (iOS)/ brA5wuquFruD (android)

Device-ID: {ID}

Member-ID: {ID}

Content-Type: application/json

Request Type: POST

Body:

{"resumeid":318806}

Errors:

403: 1. Authorization, Device-ID and/or Member-ID missing from the header.

2. The Device-ID and the Member-ID do not match.

404: The job has been removed or is no longer accepting applications

406: The resume indicated was not found or is incomplete

409: The user has already applied for this job. Either via the App or the Website

500: This is a real error on the server. Database timeout out or something like that

HTTP Response

Header:

HTTP/1.1 202 Accepted

Content-Type: application/json

Jobs List

URL: http://www.rigzone.com/api/v1/jobs

Header:

Authorization: z48agefRusux (iOS)/ brA5wuquFruD (android)

Device-ID: {ID}

Member-ID: {ID} (if available)

Content-Type: application/json

Request Type: POST

Body:

{"Skills":[1,2], "Category":8,"Type":0,"ID":0,"Oldest":0}

Body Definitions:

Skills: Comma delimited list of Skills. For type of Skill and optional for State, Country, Region, and Super Region

Type: Search Type

Skills = 0

Category = 1

State = 2

Country = 3

Region = 4

SuperRegion = 5

ID: For types of Category, State, Country or Region this field indicates CategoryID, StateID, CountryID or RegionID. For other types ID is ignored

Categories

For type of Category and optional for State, Country, Region, and Super Region

Oilfield Services = 8

Maritime = 2

Drilling = 3

Production = 4

Management/Support = 5

Trades = 6

Design Eng. / FEED = 7

Geosciences = 10

Health, Safety & Env. (HSE) = 11

Petroleum Engineering = 12

Maintenance & Inspection = 13

General Eng. & Science = 14

Refining & Petrochem = 16

Procurement & Construction = 15

Oldest: The Oldest Job Posting_ID in the current list. All returned jobs will be older than this. 0 defaults to all

Note: if Skills and Category are both used in the same call then skills must be for the category.

Examples:

Drilling Category in Region North America

{"Skills":[], "Category":3,"Type":4,"ID":7,"Oldest":0}

Engineering Skill in Super Region Europe

```
    {"Skills":[588,594,597,602], "Category":,"Type":5,"ID":3,"Oldest":0}
Anything in Texas
    {"Skills":[], "Category":,"Type":2,"ID":46,"Oldest":0}
Engineering Skill world wide
    {"Skills":[588,594,597,602], "Category":,"Type":0,"ID":0,"Oldest":0}
Maritime Category world wide
    {"Skills":[], "Category":,"Type":1,"ID":2,"Oldest":0}
```

HTTP Response

Header:

HTTP/1.1 200 OK

Content-Type: application/json

Body:

```
[
  {
    PostingID: 344352,
    JobTitle: "Drilling helper",
    CountryID: 220,
    CountryName: "US",
    RegionID: 7,
    RegionName: "North America",
    SuperRegionID: 1,
    SuperRegionName: "North America",
    JobLocation: "Gulf of Mexico",
    JobState: "",
    DateCreated: "2013-02-01",
    CategoryName: "Drilling",
    JobsCategoryID: 3,
    EducationLevel: "Tech/Vocational Cert.",
    EduDisplayOrder: 3,
    EmploymentType: "",
    AppliedDate: "2013-06-14",
    BookmarkDate: "",
    JobURL: "http://www.rigzone.com/jobs/postings/344352/Drilling\_Helper.asp"
  },
  {
    PostingID: 344348,
    JobTitle: "Super Driller",
    CountryID: 220,
    CountryName: "US",
    RegionID: 7,
    RegionName: "North America",
    SuperRegionID: 1,
    SuperRegionName: "North America",
    JobLocation: "Gulf of Mexico",
    JobState: "",
    DateCreated: "2013-01-30",
    CategoryName: "Drilling",
    JobsCategoryID: 3,
    EducationLevel: "Masters Degree",
    EduDisplayOrder: 6,
    EmploymentType: "",
```

```

    AppliedDate: "",
    BookmarkDate: "2013-06-17",
    JobURL: "http://www.rigzone.com/jobs/postings/344348/Super\_Driller.asp"
  }
]

```

Jobs Super Regions Most Recent

URL: <http://www.rigzone.com/api/v1/jobs/mostrecent>

Header:

Authorization: z48agefRusux (iOS)/ brA5wuquFruD (android)
 Device-ID: {ID}
 Member-ID: {ID} (if available)
 Content-Type: application/json

Request Type: POST

Body:

```
{"SuperRegion":[1,2], "Category":[8,12], "Oldest":0}
```

Body Definitions:

SuperRegion: Comma delimited list of Super Region_IDs

North America = 1
 Latin America = 2
 Europe = 3
 Africa = 4
 Mid East = 5
 Asia Pacific = 6

Categories: Comma delimited list of Categories

All Categories = 0 – Only works if just 0 is entered
 Oilfield Services = 8
 Maritime = 2
 Drilling = 3
 Production = 4
 Management/Support = 5
 Trades = 6
 Design Eng. / FEED = 7
 Geosciences = 10
 Health, Safety & Env. (HSE) = 11
 Petroleum Engineering = 12
 Maintenance & Inspection = 13
 General Eng. & Science = 14
 Refining & Petrochem = 16
 Procurement & Construction = 15

Oldest: The Oldest PostingID in the current list. All returned jobs will be older than this. 0 defaults to all

HTTP Response

Header:

HTTP/1.1 200 OK

Content-Type: application/json

Body:

```

SuperRegions:
{
  Latin America:

```

```
[
  {
    PostingID: 343934
    JobTitle: "Civil Engineer - Argentina - Service Company"
    CountryID: 4
    CountryName: "Argentina"
    RegionID: 8
    RegionName: "South America"
    SuperRegionID: 2
    SuperRegionName: "Latin America"
    JobLocation: "Argentina"
    JobState: ""
    DateCreated: "2012-10-09"
    CategoryName: "Management/Support"
    JobsCategoryID: 5
    EducationLevel: "Some College"
    EduDisplayOrder: 2
    EmploymentType: ""
    AppliedDate: ""
    BookmarkDate: ""
    JobURL: "http://www.rigzone.com/jobs/postings/343934/Driller.asp"
  }
],
World Wide:
[
  {
    PostingID: 344348
    JobTitle: "Super Driller"
    CountryID: 220
    CountryName: "US"
    RegionID: 7
    RegionName: "North America"
    SuperRegionID: 1
    SuperRegionName: "North America"
    JobLocation: "H-Town Baby"
    JobState: ""
    DateCreated: "2013-01-30"
    CategoryName: "Drilling"
    JobsCategoryID: 3
    EducationLevel: "Masters Degree"
    EduDisplayOrder: 6
    EmploymentType: ""
    AppliedDate: ""
    BookmarkDate: ""
    JobURL: "http://www.rigzone.com/jobs/postings/344348/Super_Driller.asp"
  }
]
```

Job Posting

URL: <http://www.rigzone.com/api/v1/jobs/{id}/{pushref}>

Optional Parameter: {pushref} is completely optional and only used when this item is being loaded as a result of a push notification

Header:

Authorization: z48agefRusux (iOS)/ brA5wuquFruD (android)

Device-ID: {ID}

Member-ID: {ID} (if available)

Content-Type: application/json
Request Type: GET
Body: None

HTTP Response

Header:

HTTP/1.1 200 OK

Content-Type: application/json

Body:

```
[
  {
    PostingID: 2211,
    JobTitle: "Database Product Champion",
    JobDescription: "Knowledge Systems Inc. has developed a relational database for use with our DRILLWORKS software applications. We require a person to champion the development, marketing and sales of this product. This position will also be responsible for the creation, population, and maintenance of a KSI proprietary database of over 600 wells. It is critical that the candidate be not only technically and administratively proficient, but, forward thinking and aggressive. This person will define and sell the value of this product for Knowledge Systems Inc. This will include direct customer contact as the product champions work directly with sales to promote the product. This person will directly supervise a junior computer scientist and work with an existing software development team to execute the aforementioned tasks. These are PC based applications and the candidate must be highly computer literate. visit our website @ www.knowsys.com",
    CountryID: 220,
    CountryName: "US",
    RegionID: 7,
    RegionName: "North America",
    SuperRegionID: 1,
    SuperRegionName: "North America",
    JobLocation: "US, TX Houston",
    CompanyName: "Knowledge Systems, Inc.",
    SkillList: [
      "Information Technology",
      "Petroleum Engineering",
      "Sales and Marketing",
      "Database",
      "software engineering"
    ],
    Salary: "$50-70K + Sales Bonus",
    IndustryExp: "5",
    EducationLevel: "Bachelors/3-5 yr Degree",
    LanguageName: "",
    EmploymentType: "",
    ReferenceCode: "",
    DateModified: "2012-10-10",
    StatusID: 3,
    Status: "Closed - No longer accepting applications",
    ApplicationInstructions: ""
  }
]
```

```
}
  JobURL: "http://www.rigzone.com/jobs/postings/344348/Super_Driller.asp"
}
```

Job Category Counts

URL: http://www.rigzone.com/api/v1/jobs/categorycounts

Header:

Authorization: z48agefRusux (iOS)/ brA5wuquFruD (android)

Device-ID: {ID}

Member-ID: {ID} (if available)

Content-Type: application/json

Request Type: GET

Body: None

HTTP Response

Header:

HTTP/1.1 200 OK

Content-Type: application/json

Body:

```
[
  {
    CategoryID: 3
    CategoryName: "Drilling"
    JobCount: 756
    SkillCounts:
      [
        {
          CategoryID: 3
          SkillID: 550
          SkillName: "Driller"
          JobCount: 164
        },
        {
          CategoryID: 3
          SkillID: 549
          SkillName: "Toolpusher"
          JobCount: 112
        }
      ]
  },
  {
    CategoryID: 4
    CategoryName: "Production"
    JobCount: 303
    SkillCounts:
      [
        {
          CategoryID: 4
          SkillID: 561
          SkillName: "Workover or Completion"
```



```

        JobCount: 108
      },
      {
        CategoryID: 4
        SkillID: 559
        SkillName: "Production Operator"
        JobCount: 94
      }
    ]
  }
]

```

Job Region and Country Counts

URL: <http://www.rigzone.com/api/v1/jobs/regioncountrycounts>

Header:

Authorization: z48agefRusux (iOS)/ brA5wuquFruD (android)

Device-ID: {ID}

Member-ID: {ID} (if available)

Content-Type: application/json

Request Type: GET

Body: None

HTTP Response

Header:

HTTP/1.1 200 OK

Content-Type: application/json

Body:

```

[
  SuperRegion:
  [
    {
      SuperRegionID: 1
      SuperRegionName: "Africa"
      JobCount: 55
      CountryCounts:
      [
        {
          SuperRegionID: 1
          SuperRegionName: "Africa"
          CountryID: 73
          CountryName: "Gabon"
          JobCount: 3
        }
        {
          SuperRegionID: 1
          SuperRegionName: "Africa"
          CountryID: 77
          CountryName: "Ghana"
          JobCount: 1
        }
      ]
    }
  ]
]

```

```

    },
    {
        SuperRegionID: 2
        SuperRegionName: "Australia & Oceania"
        JobCount: 109
        CountryCounts:
            [
                {
                    SuperRegionID: 2
                    SuperRegionName: "Australia & Oceania"
                    CountryID: 7
                    CountryName: "Australia"
                    JobCount: 102
                }
                {
                    SuperRegionID: 2
                    SuperRegionName: "Australia & Oceania"
                    CountryID: 149
                    CountryName: "New Zealand"
                    JobCount: 4
                }
            ]
    }
]
States:
[
    {
        StateID: 1
        StateName: "Alabama"
        StateAbbr: "AL"
        JobCount: 8
    }
    {
        StateID: 2
        StateName: "Alaska"
        StateAbbr: "AK"
        JobCount: 19
    }
]
]

```

Job Bookmark

URL: <http://www.rigzone.com/api/v1/jobs/{id}/bookmark>

Header:

Authorization: z48agefRusux (iOS)/ brA5wuquFruD (android)

Device-ID: {ID}

Member-ID: {ID}

Content-Type: application/json

Request Type: POST/DELETE

Body: None

Errors:

- 403: 1. Authorization, Device-ID and/or Member-ID missing from the header.
2. The Device-ID and the Member-ID do not match.

500: This is a real error on the server. Database timeout out or something like that

HTTP Response

Header:

HTTP/1.1 202 Accepted

Content-Type: application/json

Jobs Agent List

URL: `http://www.rigzone.com/api/v1/jobs/agent/{id}/{pushref}`

Header:

Authorization: `z48agefRusux` (iOS)/ `brA5wuquFruD` (android)

Device-ID: `{ID}`

Member-ID: `{ID}`

Content-Type: application/json

Request Type: GET

Comments:

The `{id}` will come from a push notification that the users agent has found some job results from them

If you make this call without the `{pushref}` it will be treated like a preview and return the data but not mark the notification as read. You call it again this time with the `{pushref}` when the user actually sees the job list.

HTTP Response

Header:

HTTP/1.1 200 OK

Content-Type: application/json

Body:

```
[
  {
    PostingID: 344352,
    JobTitle: "Drillling helper",
    CountryID: 220,
    CountryName: "US",
    RegionID: 7,
    RegionName: "North America",
    SuperRegionID: 1,
    SuperRegionName: "North America",
    JobLocation: "Gulf of Mexico",
    JobState: "",
    DateCreated: "2013-02-01",
    CategoryName: "Drilling",
    JobsCategoryID: 3,
    EducationLevel: "Tech/Vocational Cert.",
    EduDisplayOrder: 3,
    EmploymentType: "",
```

```

        AppliedDate: "2013-06-14",
        BookmarkDate: ""
    },
    {
        PostingID: 344348,
        JobTitle: "Super Driller",
        CountryID: 220,
        CountryName: "US",
        RegionID: 7,
        RegionName: "North America",
        SuperRegionID: 1,
        SuperRegionName: "North America",
        JobLocation: "H-Town Baby",
        JobState: "",
        DateCreated: "2013-01-30",
        CategoryName: "Drilling",
        JobsCategoryID: 3,
        EducationLevel: "Masters Degree",
        EduDisplayOrder: 6,
        EmploymentType: "",
        AppliedDate: "",
        BookmarkDate: "2013-06-17"
    }
]

```

Jobs Resume

URL: <http://www.rigzone.com/api/v1/jobs/resume/{id}/{pushref}>

Header:

Authorization: z48agefRusux (iOS)/ brA5wuquFruD (android)

Device-ID: {ID}

Member-ID: {ID}

Content-Type: application/json

Request Type: GET

Comments:

The {id} will come from a push notification that the system has found some jobs based on the users resume

If you make this call without the {pushref} it will be treated like a preview and return the data but not mark the notification as read. You call it again this time with the {pushref} when the user actually sees the job.

HTTP Response

Header:

HTTP/1.1 200 OK

Content-Type: application/json

Body:

```
[
{
  PostingID: 2211,
  JobTitle: "Database Product Champion",
  JobDescription: "Knowledge Systems Inc. has developed a relational database for use with our DRILLWORKS software applications. We require a person to champion the development, marketing and sales of this product. This position will also be responsible for the creation, population, and maintenance of a KSI proprietary database of over 600 wells. It is critical that the candidate be not only technically and administratively proficient, but, forward thinking and aggressive. This person will define and sell the value of this product for Knowledge Systems Inc. This will include direct customer contact as the product champions work directly with sales to promote the product. This person will directly supervise a junior computer scientist and work with an existing software development team to execute the aforementioned tasks. These are PC based applications and the candidate must be highly computer literate. visit our website @ www.knowsys.com",
  CountryID: 220,
  CountryName: "US",
  RegionID: 7,
  RegionName: "North America",
  SuperRegionID: 1,
  SuperRegionName: "North America",
  JobLocation: "US, TX Houston",
  CompanyName: "Knowledge Systems, Inc.",
  SkillList: [
    "Information Technology",
    "Petroleum Engineering",
    "Sales and Marketing",
    "Database",
    "software engineering"
  ]
  Salary: "$50-70K + Sales Bonus",
  IndustryExp: "5",
  EducationLevel: "Bachelors/3-5 yr Degree",
  LanguageName: "",
  EmploymentType: "",
  ReferenceCode: "",
  DateModified: "2012-10-10",
  StatusID: 3,
  Status: "Closed - No longer accepting applications",
  ApplicationInstructions: "",
  JobURL: "http://www.rigzone.com/jobs/postings/344348/Super Driller.asp"
}
]
```