

Integration Document: RChilli Email Inbox



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[RChilli Release Note Version 8.0.0](#)

If you have any comments or feedback on our documentation, please send them to us at: support@rchilli.com



Introduction

RChilli Inc. helps businesses in over 30 countries reach their full potential through leading its way in the CV Automation and Analytics Industry. RChilli provides a web API to parse resumes which converts any format resume to structured JSON.

RChilli Email Inbox

Email Inbox Parsing gives you the ability to parse resumes and JDs in your email inbox. You need to register your email ID with us along with other parameters and forward resumes to parsing@rchillimail.com or JD to jd parsing@rchillimail.com from your registered email ID. We will process resumes/JDs from the attachment or from the email body and post output to your registered webhook pages.

Email Inbox is a 3-step process:

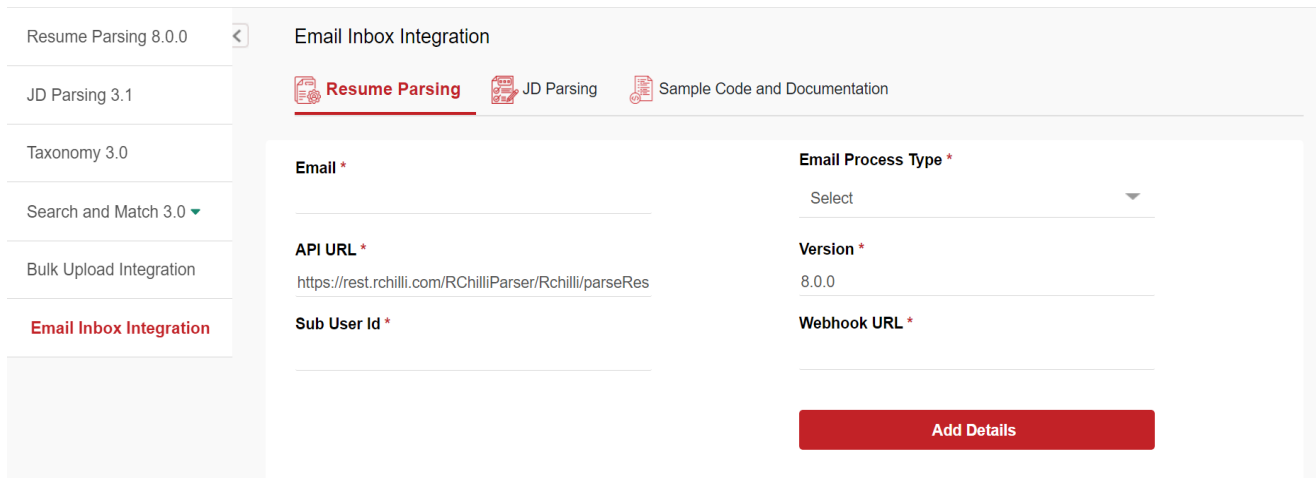
- 1. Step 1.** Create **HTTP POST** capturing pages (**webhook page**) which should be capable of capturing the JSON and be publicly accessible.
- 2. Step 2.** **Register your email ID** with us by calling our API.
- 3. Step 3.** **Forward emails** from your registered email ID to parsing@rchillimail.com for parsing resumes and to jd parsing@rchillimail.com for parsing JDs.

We will process your forwarded email and post output JSON to your web hook pages.

Register your email

Register your email and webhook by using our myaccount panel
<https://myaccount.rchilli.com/>

- 1) Select integration (Demo) from the menu
- 2) Select Email Inbox Integration option



The screenshot shows the 'Email Inbox Integration' configuration page. On the left is a sidebar menu with options: Resume Parsing 8.0.0, JD Parsing 3.1, Taxonomy 3.0, Search and Match 3.0, Bulk Upload Integration, and Email Inbox Integration (highlighted in red). The main content area has a header with 'Resume Parsing', 'JD Parsing', and 'Sample Code and Documentation'. Below this are two columns of form fields: 'Email *', 'API URL *' (with value 'https://rest.rchilli.com/RChilliParser/Rchilli/parseRes'), 'Sub User Id *', 'Email Process Type *' (dropdown menu), 'Version *' (with value '8.0.0'), and 'Webhook URL *'. A red 'Add Details' button is at the bottom right.

OR

You can register email using GET or POST method

URL: <http://webmail.rchilli.com/addEmail>

Parameters:

- 1) **Email (string):** Valid email ID from which you will send emails
 - 2) **User Key (string):** Valid User Key
 - 3) **API Version (string):** RChilli API version (version 8.0)
 - 4) **Sub User ID (string):** As per agreement
 - 5) **Webhook URL (string):** public web page URL to be hosted on your side on which we will post resume output JSON
 - 6) **Email Process Type (string):** 0- Attachment, 1- Mail body, 2 – Both
 - 7) **JD Api Version (Optional):** RChilli JD API version
 - 8) **JD Webhook Url (Optional):** public web page URL to be hosted on your side on which we will post JD output JSON
- Note: If optional parameter is not supplied then default value will be set. Default JD Api version 3.1, and JD webhook url is the same as webhook Url**



GET Method:

http://webmail.rchilli.com/addEmail?email=<email_id>&userKey=<userkey>&subUserId=<subuser_id>&webhookUrl=<Your HTTP POST URL>&apiVersion=<Your API Version> &emailProcessType=<What to process in a mail>&jdApiVersion=<Jd Parser>&jdWebhookUrl=<Webhook url for JD output>

Response:

```
<success>
  <successmsg>Email (<Email id>) registered successfully.</successmsg>
</success>
```

Error Messages

```
<error><errmsg>error messages.</errmsg></error>
```

- please pass require parameters
- please pass userkey
- please pass email
- please pass webhookUrl
- please pass apiVersion
- please pass subUserId
- please pass emailProcessType
- please pass valid value for emailProcessType.(0 - attachment,1 - mailbody and 2 - both)
- please pass valid email
- please pass valid webhookUrl
- please pass valid userkey
- "Email (" +email+ ") already Registered
- Not able to register your email. Kindly try again or contact support team with details
- Please pass valid jdWebhookUrl.

Note:

All emails at parsing@rchillimail.com will be considered as resumes and all emails at jd parsing@rchillimail.com will be considered as JDs. Therefore, make sure you forward emails to the right email address.

Resume JSON Response on Webhook

```
{
  "ResumeInbox": {
    "SubUserId": "subuserid",
    "EmailId": "registered emailid",
    "Base64Data": "file base64Data",
    "FileName": "Resume file name",
    "ResumeParserData": {
      "ResumeFileName": "",
      "ResumeLanguage": {
        "Language": "",
        "LanguageCode": ""
      },
      "ParsingDate": "",
      "ResumeCountry": {
        "Country": "",
        "Evidence": "",
        "CountryCode": {
          "IsoAlpha2": "",
          "IsoAlpha3": "",
          "UNCode": ""
        }
      }
    },
    "Name": {
      "FullName": "",
      "TitleName": "",
      "FirstName": "",
      "MiddleName": "",
      "LastName": "",
      "FormattedName": "",
      "ConfidenceScore": 10
    },
    "DateOfBirth": "",
    "Gender": "",
    "FatherName": "",
    "MotherName": "",
    "MaritalStatus": "",
    "Nationality": "",
    "LanguageKnown": [
```



We Analyze Not Just Parse

```
{
  "Language": "",
  "LanguageCode": ""
}
],
"UniqueID": "",
"LicenseNo": "",
"PassportDetail": {
  "PassportNumber": "",
  "DateOfExpiry": "",
  "DateOfIssue": "",
  "PlaceOfIssue": ""
},
"PanNo": "",
"VisaStatus": "",
"Email": [
  {
    "EmailAddress": "",
    "ConfidenceScore": 10
  }
],
"PhoneNumber": [],
"WebSite": [
  {
    "Type": "",
    "Url": ""
  }
],
"Address": [
  {
    "Street": "",
    "City": "",
    "State": "",
    "StateIsoCode": "",
    "Country": "",
    "CountryCode": {
      "IsoAlpha2": "",
      "IsoAlpha3": "",
      "UNCode": ""
    },
    "ZipCode": "",

```

```
    "FormattedAddress":"","  
    "Type":"","  
    "ConfidenceScore": 10  
  }  
],  
  "Category":"","  
  "SubCategory":"","  
  "CurrentSalary": {  
    "Amount":"","  
    "Symbol":"","  
    "Currency":"","  
    "Unit":"","  
    "Text":""  
  },  
  "ExpectedSalary": {  
    "Amount":"","  
    "Symbol":"","  
    "Currency":"","  
    "Unit":"","  
    "Text":""  
  },  
  "Qualification":"","  
  "SegregatedQualification": [  
    {  
      "Institution": {  
        "Name":"","  
        "Type":"","  
        "ConfidenceScore": 10,  
        "Location": {  
          "City":"","  
          "State":"","  
          "StateIsoCode":"","  
          "Country":"","  
          "CountryCode": {  
            "IsoAlpha2":"","  
            "IsoAlpha3":"","  
            "UNCode":""  
          }  
        }  
      }  
    }  
  ],  
  "Degree": {
```



```
        "DegreeName": "",
        "NormalizeDegree": "",
        "Specialization": [],
        "ConfidenceScore": 10
    },
    "FormattedDegreePeriod": "",
    "StartDate": "",
    "EndDate": "",
    "Aggregate": {
        "Value": "",
        "MeasureType": ""
    }
}
],
"Certification": "",
"SegregatedCertification": [
    {
        "CertificationTitle": "",
        "Authority": "",
        "CertificationCode": "",
        "IsExpiry": "",
        "StartDate": "",
        "EndDate": "",
        "CertificationUrl": ""
    }
],
"SkillBlock": "",
"SkillKeywords": "",
"SegregatedSkill": [
    {
        "Type": "",
        "Skill": "",
        "Ontology": "",
        "Alias": "",
        "FormattedName": "",
        "Evidence": "",
        "LastUsed": "",
        "ExperienceInMonths": 10
    }
],
"Experience": "",
```



We Analyze Not Just Parse

```
"SegregatedExperience": [  
  {  
    "Employer": {  
      "EmployerName": "",  
      "FormattedName": "",  
      "ConfidenceScore": 10  
    },  
    "JobProfile": {  
      "Title": "",  
      "FormattedName": "",  
      "Alias": "",  
      "RelatedSkills": [],  
      "ConfidenceScore": 10  
    },  
    "Location": {  
      "City": "",  
      "State": "",  
      "StateIsoCode": "",  
      "Country": "",  
      "CountryCode": {  
        "IsoAlpha2": "",  
        "IsoAlpha3": "",  
        "UNCode": ""  
      }  
    },  
    "JobPeriod": "",  
    "FormattedJobPeriod": "",  
    "StartDate": "",  
    "EndDate": "",  
    "IsCurrentEmployer": "",  
    "JobDescription": "",  
    "Projects": [  
      {  
        "UsedSkills": "",  
        "ProjectName": "",  
        "TeamSize": ""  
      }  
    ]  
  },  
  {  
    "CurrentEmployer": "",
```



We Analyze Not Just Parse

```
"JobProfile": "",
"WorkedPeriod": {
  "TotalExperienceInMonths": "",
  "TotalExperienceInYear": "",
  "TotalExperienceRange": ""
},
"GapPeriod": "",
"AverageStay": "",
"LongestStay": "",
"Summary": "",
"ExecutiveSummary": "",
"ManagementSummary": "",
"Coverletter": "",
"Publication": "",
"SegregatedPublication": [
  {
    "PublicationTitle": "",
    "Publisher": "",
    "PublicationNumber": "",
    "PublicationUrl": "",
    "Authors": "",
    "Description": ""
  }
],
"CurrentLocation": [],
"PreferredLocation": [],
"Availability": "",
"Hobbies": "",
"Objectives": "",
"Achievements": "",
"SegregatedAchievement": [
  {
    "AwardTitle": "",
    "Issuer": "",
    "AssociatedWith": "",
    "IssuingDate": "",
    "Description": ""
  }
],
"References": "",
"CustomFields": "",
```



We Analyze Not Just Parse

```
"EmailInfo": {
  "EmailTo": "",
  "EmailBody": "",
  "EmailReplyTo": "",
  "EmailSignature": "",
  "EmailFrom": "",
  "EmailSubject": "",
  "EmailCC": ""
},
"Recommendations": [
  {
    "PersonName": "",
    "CompanyName": "",
    "Relation": "",
    "PositionTitle": "",
    "Description": ""
  }
],
"DetailResume": "",
"HtmlResume": "",
"CandidateImage": {
  "CandidateImageData": "",
  "CandidateImageFormat": ""
},
"TemplateOutput": {
  "TemplateOutputFileName": "",
  "TemplateOutputData": ""
},
"ApiInfo": {
  "Metered": "",
  "CreditLeft": "",
  "AccountExpiryDate": "",
  "BuildVersion": ""
}
}
}
}
```

Note: For further queries, please send an email to support@rchilli.com

JD JSON Response on webhook

```
{  
  "ResumeInbox": {  
    "SubUserId": "subuserid",  
    "EmailId": "registered emailid",  
    "Base64Data": "file base64Data",  
    "FileName": "Resume file name",  
    "JDParsedData": {  
      "FileName": "",  
      "ParsingDate": "",  
      "JobProfile": {  
        "Title": "",  
        "Alias": "",  
        "RelatedSkills": "",  
        "FormattedName": ""  
      },  
      "Organization": "",  
      "StaffingAgency": "",  
      "AboutOrganization": "",  
      "JobLocation": {  
        "Location": "",  
        "City": "",  
        "State": "",  
        "Country": "",  
        "IsoCountryCode": "",  
        "ZipCode": ""  
      },  
      "JobCode": "",  
      "JobType": "",  
      "JobShift": "",  
      "IsManagementJob": "",  
      "IndustryType": "",  
      "ExcecutiveType": "",  
      "PostedOnDate": "",  
      "ClosingDate": "",  
      "ExperienceRequired": {  
        "MinimumYearsExperience": "",  
        "MaximumYearsExperience": ""  
      },  
    },  
  },  
}
```

```
"ContractDuration": "",
"HasContract": "",
"SalaryOffered": {
  "MinAmount": "",
  "MaxAmount": "",
  "Currency": "",
  "Units": "",
  "Text": ""
},
"BillRate": {
  "MinAmount": "",
  "MaxAmount": "",
  "Currency": "",
  "Units": "",
  "Text": ""
},
"NoticePeriod": "",
"NoOfOpenings": "",
"Relocation": "",
"Languages": "",
"PreferredDemographic": {
  "Nationality": "",
  "Visa": "",
  "AgeLimit": "",
  "Others": ""
},
"Domains": [
  "Engineering",
  "ICT"
],
"Qualifications": {
  "Preferred": [],
  "Required": []
},
"Certifications": {
  "Preferred": [],
  "Required": []
},
"Skills": {
  "Preferred": [
    {
```

```
"Skill":"","  
"Type":"","  
"Alias":"","  
"FormattedName":"","  
}  
],  
"Required": []  
},  
"Responsibilities":"","  
"ContactEmail":"","  
"ContactPhone":"","  
"ContactPersonName":"","  
"WebSite":"","  
"InterviewType":"","  
"InterviewDate":"","  
"InterviewTime":"","  
"InterviewLocation":"","  
"TypeOfSource":"","  
"JobDescription":"","  
"JDHtmlData":"","  
},  
"EmailInfo": {  
    "EmailTo": "Value from email received",  
    "EmailDeliveredTo": "Value from email received",  
    "EmailBody": "Value from email received",  
    "EmailReplyTo": "Value from email received",  
    "EmailSignature": "Value from email received",  
    "EmailFrom": "Value from email received",  
    "EmailSubject": "Value from email received",  
    "EmailCC": "Value from email received"  
}  
}  
}
```



Sample Code for Webhook Page:

We have sample code for capturing JSON posted on webhook.

- RChilli Http Webhook Sample Code C# ([Download](#))
- RChilli Http Webhook Sample Code PHP([Download](#))
- RChilli Http Webhook Sample Code Java([Download](#))

Note

Output JSON can be captured from Input Stream in C# and JAVA.
While in PHP Code, we post data in xmldata variable.

These sample codes can be used to receive data for any version, but need to change output reading logic for version resume parser version 8.0 and for JD parser.

Download Sample Code for Resume Parser Version 8.0 from [here](#)
Download Sample Code for JD Parser Version 3.1 from [here](#)



Parsing API Error Code and Error Messages

Error Code	Error Message
1001	<i>Userkey is required</i>
1002	<i>Subuser id is required</i>
1003	<i>Invalid userkey</i>
1004	<i>File name with file extension is required</i>
1005	<i>Key expired</i>
1006	<i>Resume credits exhausted</i>
1007	<i>Wrong resume url</i>
1008	<i>Not Text Content</i>
1009	<i>Resume File Extension Not Supported</i>
1010	<i>Resume File does not exist on this url</i>
1011	<i>Version Required</i>
1012	<i>Invalid Version</i>
1013	<i>This Version does not support your Agreement</i>
1014	<i>Corrupted data/ No Content Found</i>
1015	<i>Unable to parse the content</i>
1016	<i>No Resume Content Found</i>
1017	<i>Wrong Version</i>
1018	<i>File size is too large for processing</i>
1019	<i>Unable to detect language</i>
1020	<i>Unable to open PDF Parser</i>
1021	<i>File conversion error</i>
1041	<i>Abbyy Error: Not enough credits to process document. Please add more pages to your application account</i>
1042	<i>Abbyy Error: Task Failed</i>