

Date extraction

Using regular expressions. Dates as follows:

- 1) Names of months >> 'month'
- 2) Names of weekdays >> 'weekday'
- 3) Dates as YYYY-mm-dd or YYYY/mm/dd (e.g.: 1985-03-21) and dd-mm-YYYY or dd/mm/YYYY (e.g.: 21-03-1985) >> 'birthDate'
- 4) Year format YYYY >> 'year'

URL: <http://46.137.73.238:5000/dates>

Methods: GET, POST

Response: JSON array

```
"dates_list": [{  
  "weekday": "Monday"  
}, {  
  "birthDate": "26/06/72"  
}, {  
  "birthDate": "21/03/75"  
}]
```

Email address extraction

Using regular expressions.

URL: <http://46.137.73.238:5000/emails>

Methods: GET, POST

Response: JSON array

```
"emails_list": [{  
  "email": "jdclark@email.com."  
}]
```

Telephone extraction

Using regular expressions.

URL: <http://46.137.73.238:5000/telephones>

Methods: GET, POST

Response: JSON array

```
"phones_list": [{  
  "telephone": "213555776"  
}, {  
  "telephone": "666777897"  
}, {  
  "telephone": "912345678"  
}]
```

Entity extraction

Using NLTK NER (Named Entity Recognition):

- 1) Person: Name + Surname (e.g.: John Clark, President Obama) >> 'name'
- 2) Geo-political entities (e.g.: South East Asia, Palo Alto, California) >> 'addressLocality'
- 3) Location (e.g.: Mount Everest, Mississippi River) >> 'location' (toma Mississippi River como 'affiliation')
- 4) Organization (e.g.: BBVA) >> 'affiliation'
- 5) Duration (e.g.: ?) >> 'duration'
- 6) Date (e.g.: June) >> 'date' (no extraída así)
- 7) Cardinal (e.g.: ?) >> 'cardinalNumber' (no los extrae)
- 8) Percent (e.g.: 18.75 %) >> 'percentNumber' (no los extrae)
- 9) Money (e.g.: GBP 10.40) >> 'money' (toma GBP como 'affiliation')
- 10) Measure (e.g.: ?) >> 'measure' (no los extrae)
- 11) Facility: Human-made artifacts in the domains of architecture and civil engineering (e.g.: Stonehenge) >> 'facility' (toma Mississippi River como 'name')

URL: <http://46.137.73.238:5000/entities>

Methods: GET, POST

Response: JSON array

```
"entities_list": [{  
  "name": "John Clark"  
}, {  
  "addressLocality": "Madrid"  
}, {  
  "addressLocality": "Spain"  
}, {  
  "name": "Linares"  
}, {  
  "addressLocality": "Spain"  
}, {  
  "name": "Morgan Clark"  
}, {  
  "affiliation": "BBVA"  
}, {  
  "affiliation": "ERICSSON"  
}, {  
  "affiliation": "GE"  
}]
```

BIKA for application forms

Given a text, used to fill in a form, BIKA extracts the following information: entities, dates, e-mail address and telephone numbers.

URL: <http://46.137.73.238:5000/bika>

Methods: POST, GET

POST

Request

Headers

Response Body

RAW Body

Response Headers

Response Preview

Request Body

Request Headers

```
1. Content-Type: application/x-www-form-urlencoded
2. Accept: */*
3. Connection: keep-alive
4. Origin: chrome-extension: //rest-console-id
5. User-Agent: Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/31.0.1650.63 Safari/537.36
```

Body

Content Headers

Content-Type

☒ application/x-www-form-urlencoded

The mime type of the body of the request (used with POST and PUT requests)

Request Payload

Request Parameters

text

"My name is John Clark and I'm 28. I

Request Url: <http://46.137.73.238:5000/bika>

Request Method: POST

Status Code: 200

Params: {

"callback": "jQuery11654254656562545656",

"text": "\"My name is John Clark and I'm 28. I'm a lawyer. I was born the 1972-06-26 in Madrid, Spain. I live in calle orujo, 4, 23700, Linares, Spain. In case emergency, Monday and Sunday, please contact with my wife Morgan Clark, she was born on 21/03/1975. You can contact me by e-mail at jdclark@email.com. My phone number is 213 555 776 and home phonenummer is 666777897 and 91 234 56 78. I work at BBVA, ERICSSON and GE.\""

}

Response

Headers

Status Code: 200

Access-Control-Allow-Origin: *

Date: Mon, 16 Dec 2013 16:17:43 GMT

Server: Werkzeug/0.9.4 Python/3.3.3

Content-Length: 822

Content-Type: application/json

Body

```
{
  "address_list": [],
  "dates_list": [{
    "weekday": "Monday"
  }, {
    "birthDate": "26/06/72"
  }, {
    "birthDate": "21/03/75"
  }],
  "emails_list": [{
    "email": "jdclark@email.com."
  }],
  "entities_list": [{
    "name": "John Clark"
  }, {
    "addressLocality": "Madrid"
  }, {
    "addressLocality": "Spain"
  }, {
    "name": "Linares"
  }, {
    "addressLocality": "Spain"
  }, {
    "name": "Morgan Clark"
  }, {
    "affiliation": "BBVA"
  }, {
    "affiliation": "ERICSSON"
  }, {
    "affiliation": "GE"
  }],
  "phones_list": [{
    "telephone": "213555776"
  }, {
    "telephone": "666777897"
  }, {
    "telephone": "912345678"
  }]
}
```

GET

Request Headers

Response Body

RAW Body

Response Headers

Response Preview

Request Body

Request Headers

```
1. Content-Type:
2. Accept: */*
3. Connection: keep-alive
4. Origin: chrome-extension: //rest-console-id
5. User-Agent: Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/31.0.1650.63 Safari/537.36
```

Body

Request Payload

Request Parameters

callback	jQuery11654254656562545656
text	"My name is John Clark and I'm 28. I

Request Url: http://46.137.73.238:5000/bika

Request Method: GET

Status Code: 200

Params: {

 "callback": "jQuery11654254656562545656",

 "text": "\"My name is John Clark and I'm 28. I'm a lawyer. I was born the 1972-06-26 in Madrid, Spain. I live in calle orujo, 4, 23700, Linares, Spain. In case emergency, Monday and Sunday, please contact with my wife Morgan Clark, she was born on 21/03/1975. You can contact me by e-mail at jdclark@email.com. My phone number is 213 555 776 and home phonenummer is 666777897 and 91 234 56 78. I work at BBVA, ERICSSON and GE.\""

}

Response

Headers

Status Code: 200

Date: Mon, 16 Dec 2013 16:09:02 GMT

Server: Werkzeug/0.9.4 Python/3.3.3

Content-Length: 551

Content-Type: text/html; charset=utf-8

Body

```
jQuery11654254656562545656({"entities_list": [{"name": "John Clark"}, {"addressLocality": "Madrid"}, {"addressLocality": "Spain"}, {"name": "Linares"}, {"addressLocality": "Spain"}, {"name": "Morgan Clark"}, {"affiliation": "BBVA"}, {"affiliation": "ERICSSON"}, {"affiliation": "GE"}], "address_list": [], "dates_list": [{"weekday": "Monday"}, {"birthDate": "26/06/72"}, {"birthDate": "21/03/75"}], "phones_list": [{"telephone": "213555776"}, {"telephone": "666777897"}, {"telephone": "912345678"}], "emails_list": [{"email": "jdclark@email.com."}]});
```