

BIKA Castellano API v1.0

BEEVA Information and Knowledge Assistant

Versión en castellano (20/05/2014)

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://ip:5000/fechas>

Methods: GET, POST

Response: JSON array

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

Email address extraction

Using regular expressions.

URL: <http://ip:5000/correos>

Methods: GET, POST

Response: JSON array

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

Telephone extraction

Using regular expressions.

URL: <http://ip:5000/telefonos>

Methods: GET, POST

Response: JSON array

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

Entity extraction

Using Freeing NER (Named Entity Recognition) y NEC (Named Entity Calsification):

- 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) Organization (e.g.: BBVA) >> 'affiliation'

URL: <http://ip:5000/entidades>

Methods: GET, POST

Response: JSON array

```
"entities_list": [{
  "name": "John Clark"
}, {
  "addressLocality": "Madrid"
}, {
  "addressLocality": "Spain"
}, {
  "addressLocality": "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://ip:5000/bikaCastellano>

Methods: POST, GET

POST

Request

Headers

Body

Request Url: <http://ip:5000/bikaCastellano>

Request Method: POST

Status Code: 200

Params: {

"callback": "jQuery11654254656562545656",

"text": "\"Mi nombre es John Clark y tengo 28 años. Soy abogado. Naci el 26/06/1972 en Madrid, España. Vivo en la calle Orujo,4, 23700, Linares, España. En caso de emergencia, Lunes o Domingo, por favor contacta con mi mujer Morgan Clark, ella nacio el 21/03/1975. Puedes contactar conmigo por email en jdclark@email.com. Mi número de teléfono es el 213 555 776 y el número de casa es el 666555888 y 91 555 22 22. Trabajo en BBVA, Ericson y 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": "Lunes"
  }, {
    "weekday": "Domingo"
  }, {
    "birthDate": "26/06/72"
  }, {
    "birthDate": "21/03/75"
  }],
  "emails_list": [{
    "email": "jdclark@email.com."
  }],
  "entities_list": [{
    "name": "John Clark"
  }, {
    "addressLocality": "Madrid"
  }, {
    "addressLocality": "Spain"
  }, {
    "addressLocality": "Linares"
  }, {
    "addressLocality": "Spain"
  }, {
    "name": "Morgan Clark"
  }, {
    "affiliation": "BBVA"
  }, {
    "affiliation": "ERICSSON"
  }, {
    "affiliation": "GE"
  }],
  "phones_list": [{
    "telephone": "213555776"
  }, {
    "telephone": "666777897"
  }, {
    "telephone": "912345678"
  }
}]
```

GET

Request

Headers

Body

Request Url: http://ip:5000/bikaCastellano

Request Method: GET

Status Code: 200

Params: {

 "callback": "jQuery11654254656562545656",

 "text": "\"Mi nombre es John Clark y tengo 28 años. Soy abogado. Naci el 26/06/1972 en Madrid, España. Vivo en la calle Orujo,4, 23700, Linares, España. En caso de emergencia, Lunes o Domingo, por favor contacta con mi mujer Morgan Clark, ella nacio el 21/03/1975. Puedes contactar conmigo por email en jdclark@email.com. Mi número de teléfono es el 213 555 776 y el número de casa es el 666555888 y 91 555 22 22. Trabajo en BBVA, Ericson y 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"}, {"addressLocality": "Linares"}, {"addressLocality": "Spain"}, {"name": "Morgan Clark"}, {"affiliation": "BBVA"}, {"affiliation": "ERICSSON"}, {"affiliation": "GE"}], "address_list": [], "dates_list": [{"weekday": "Lunes"}, {"weekday": "Domingo"}, {"birthDate": "26/06/72"}, {"birthDate": "21/03/75"}], "phones_list": [{"telephone": "213555776"}, {"telephone": "666777897"}, {"telephone": "912345678"}], "emails_list": [{"email": "jdclark@email.com."}]});