

Accessing the Text Analytics API



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Overview



Three Aspects of Text Analytics API

- Sentiment Analysis
- Key Phrase Extraction
- Language Detection

For Each Aspect

- Look at the Request/Response
- Demo



```
{
  "documents": [
    {
      "language": "en",
      "id": "1",
      "text": "First Piece Of Text"
    },
    ...
    {
      "language": "en",
      "id": "100",
      "text": "Last Piece Of Text"
    }
  ]
}
```

Sentiment Request Structure

Documents Array

- Language
- Id
- Text



```
{
  "documents": [
    {
      "id": "1",
      "score": "0.916"
    },
    ...
    {
      "id": "100",
      "score": "0.050"
    },
  ]
}
```

Sentiment Response Structure

Documents Array

- Id
- Score



```
{
  "documents": [
    {
      "language": "en",
      "id": "1",
      "text": "First Piece Of Text"
    },
    ...
    {
      "language": "en",
      "id": "100",
      "text": "Last Piece Of Text"
    }
  ]
}
```

Key Phrases Request Structure

Documents Array

- Language
- Id
- Text



```
{
  "documents": [
    {
      "id": "1",
      "keyPhrases": ["key phrase 1", ..., "key phrase n"]
    },
    ...
    {
      "id": "100",
      "keyPhrases": ["key phrase 1", ..., "key phrase n"]
    },
  ]
}
```

Key Phrases Response Structure

Documents Array

- Id
- String Array of Key Phrases



```
{
  "documents": [
    {
      "id": "1",
      "text": "First Line Of Text"
    },
    ...
    {
      "id": "100",
      "text": "Last Line Of Text"
    }
  ]
}
```

Languages Request Structure

Documents Array

- Id
- Text



```
{
  "documents": [
    {
      "id": "1",
      "detectedLanguages": [
        {
          "name": "English",
          "iso639Name": "en",
          "score": "1"
        }
      ]
    },
  ]
}
```

Languages Response Structure

Documents Array

- Id
- Array of Detected Languages
 - Name
 - Iso639Name
 - Score



Summary



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