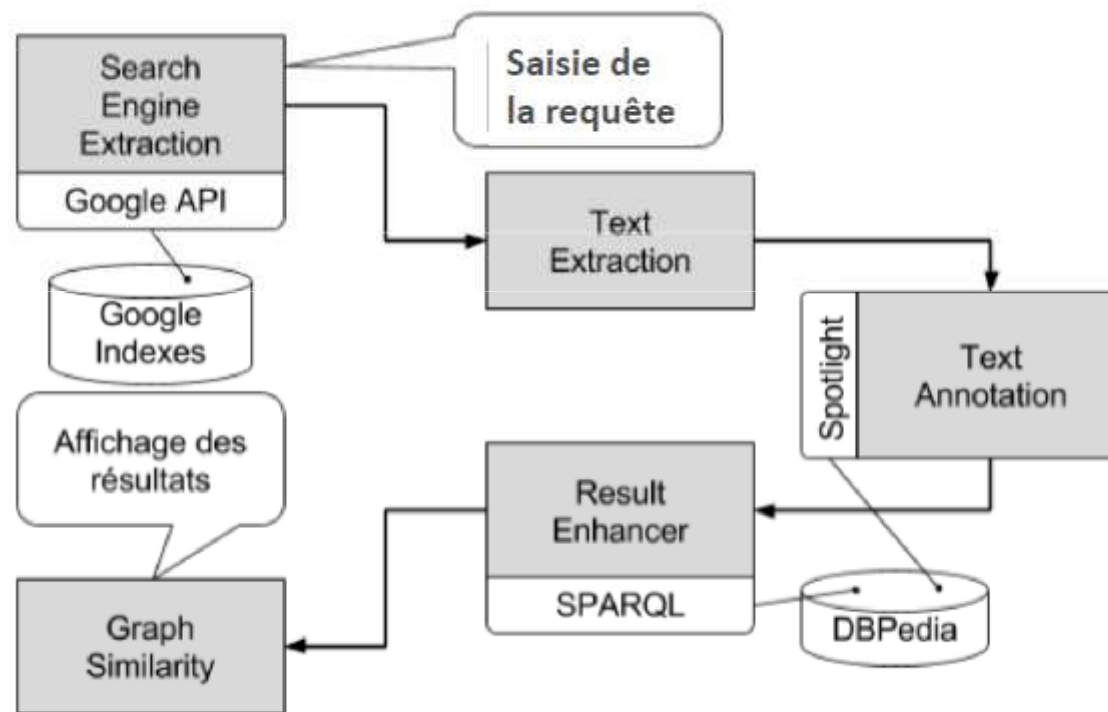


Projet Web Sémantique

Architecture possible



Extraction d'URLs

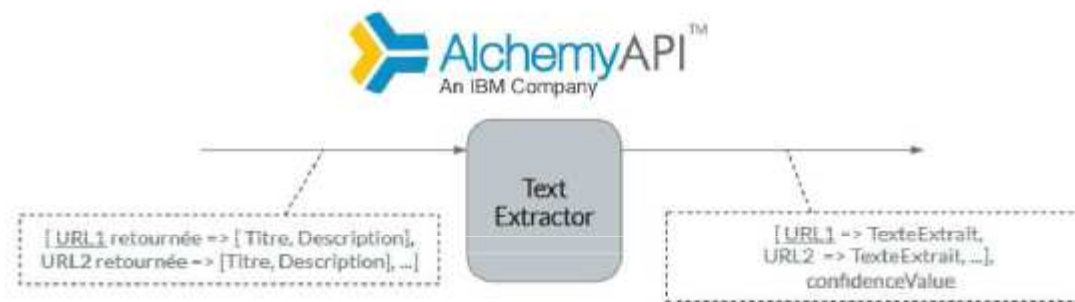


Exemple d'utilisation du module 1 :

```
← epl.gfain.antoine-chabert.fr/search/test?q=apple+sauce 🔍 Rechercher ☆ 📁 ⬇ 🏠 🗨
```

```
{
  * "http://allrecipes.com/recipe/51301/sarahs-applesauce/": {
    title: 'Sarah's Applesauce Recipe - Allrecipes.com',
    description: 'Make your own applesauce at home with just apples, sugar, cinnamon, and this \nrecipe.'
  },
  * "http://thepioneerwoman.com/cooking/homemade-applesauce/": {
    title: 'Homemade Applesauce | The Pioneer Woman',
    description: 'Oct 16, 2013 ... Homemade applesauce is one of those things that makes you wonder, after you \nwhip up a batch, why more folks don't make it. It truly is one of ...'
  },
  * "http://www.epicurious.com/recipes/food/views/autumn-apple-sauce-106669": {
    title: 'Autumn Apple Sauce recipe | Epicurious.com',
    description: 'Autumn Apple Sauce. Parade October 2000 PARADE® and Simply Delicious® \nare used by CondéNet Inc. under license. 4/4 fork user rating, reviews (40).'
  },
}
```

Extraction de textes



Exemple d'utilisation du module 2 :



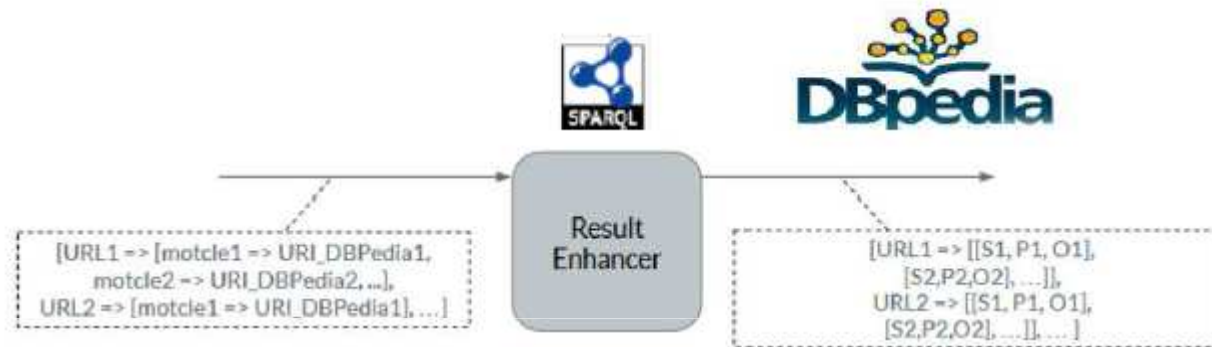
Extraction d'URIs DBpedia



Exemple d'utilisation du module 3:

```
api.gfain.antoine-chabert.fr/annotate/test?text=Chicken%2C+pineapple%2C+avocado%2C+and+black+beans+bring+all+of+the+flavors
{
  avocado: http://dbpedia.org/resource/Avocado,
  'black beans': http://dbpedia.org/resource/Common\_bean,
  Cuba: http://dbpedia.org/resource/Cuba,
  lettuce: http://dbpedia.org/resource/Lettuce,
  chicken: http://dbpedia.org/resource/Chicken,
  Cuban: http://dbpedia.org/resource/Cuba
}
```

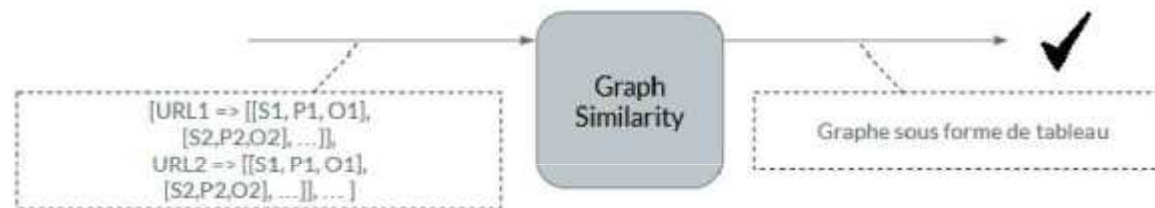
Enrichissement avec SPARQL



Exemple d'utilisation du module 4 :

```
{  
  "http://www.lemonade.org": [  
    {  
      "http://dbpedia.org/resource/Pea",  
      "http://www.w3.org/2000/01/rdf-schema#label",  
      "Pea"  
    },  
    {  
      "http://dbpedia.org/resource/Pea",  
      "http://dbpedia.org/property/fat",  
      "1.0"  
    },  
    {  
      "http://dbpedia.org/resource/Pna",  
      "http://dbpedia.org/property/fat",  
      "0.4"  
    },  
    {  
      "http://dbpedia.org/resource/Pna",  
      "http://dbpedia.org/property/fat",  
      "0.4"  
    }  
  ]  
}
```

Calcul de la matrice de similarité



Exemple d'utilisation du module 5:

```
← apl.gfm.antoine-chabert.fr/similarity/test  
[  
  * {  
    * graph: {  
      * nodes: [  
        * { ... },  
        * { ... }  
      ],  
      * edges: [  
        * { ... }  
      ]  
    },  
    * mainConcept: {  
      uri: http://dbpedia.org/resource/Pea  
    },  
    * tags: [  
      * "Pea"  
    ],  
    * externLinks: [ ... ]  
  },  
]
```

Graphe de similarité

