

It is an Android test. By this test we are checking how fast developer is working, and also check what kind of techniques he is using.

The goal of test is quite clear – write part of application that we did for Le Figaro:

<https://play.google.com/store/apps/details?id=fr.playsoft.lefigarov3>

(if you will have issues with getting app, you can use this build:

<https://drive.google.com/file/d/0B9Om1sjw-GLDVnYzQkt2WVFDd00/edit?usp=sharing>)

It is about “A la Une” part:



And article view:



The minimum plan is:

- download list of articles from 1 category(Actualités) and display titles, part of subtitles and images
- when we choose article from list go to article view, where will be displayed title, then author and with date, then image(just 1, of course if there is image to article), then subtitle and article text (so without Lire Aussi)

- don't care too much about having Views looking exactly as in original application

Then if you will still have time and want to do more, then can be added:

- getting list of articles from all categories and give possibility by slide to move between categories (as we have in Le Figaro)
- moving between articles by slide, (as we have in Le Figaro)
- saving articles and images

Other info:

- part of information about article is only in header of category (so title/subtitle of article)
- to display articles we are using webView
- all services are working on our server, and they are returning data as JSON
- you can use all external libraries, all code that you have created to this moment to make this test, just in sum up mail, please list external libraries + give info what was reused from previous projects

Information about services.

List of all categories can be downloaded here:

<http://figaro.service.yagasp.com/article/categories>

The format of it is quite simple:

```
{
  "id": "QWN0dWFsaXTDqXNBY3R1YWxpdmOpcw==",  (it is id of category)
  "name": "Actualités", (it is name of category)
  "ranking": 100, (order of displayed categories, rather won't be used by you)
  "isVisible": true (if this category is initially visible – rather won't be used by you)
},
```

To get list of articles from category we are using service:

<http://figaro.service.yagasp.com/article/header/> id_of_category,

so to get articles from Actualités, we are using:

<http://figaro.service.yagasp.com/article/header/QWN0dWFsaXTDqXNBY3R1YWxpdmOpcw==>

Description:

```
"id": "83fcd5d2da4c730794c70bce18063006", (id of article)
"internalId": "fa34ca1a57024cda51e190140d3e0c31", (id, that won't be used by you)
"update": 1328177190, (date of update of article as timestamp)
"date": 1328117199, (date of creation of article as timestamp)
"ranking": 2, (ranking/order of articles on list)
"title": "Parrainages de Marine Le Pen : réelle inquiétude ou grand bluff ?", (title of article)
"subtitle": "VIDÉO - Depuis 1981, le Front national dénonce à chaque élection présidentielle la règle des 500 signatures, qu'il parvient finalement à récolter. Marine Le Pen, qui dit disposer de 340 promesses de parrainages, tire à son tour la sonnette d'alarme et réfute toute tentative de bluff.", (subtitle of article)
"thumb": {
  "link": "http://figaro.service.yagasp.com/image/%dx%d/get.js?url=http://www.lefigaro.fr/medias/2012/02/01/d2d33eb0-4cea-11e1-b3e7-1ae1182ab543.jpg", (information about image, will be
```

described later)

"md5": "6201b95dfb94efd5f7b2969d0022bc6f" **(id of original image – won't be used by you)**

To get article we are using service:

http://figaro.service.yagasp.com/article/id_of_article

So to get article (from previous description we are using):

<http://figaro.service.yagasp.com/article/83fcd5d2da4c730794c70bce18063006>

Description of article:

```
{
  "_id": "83fcd5d2da4c730794c70bce18063006", (id of article)
  "internalId": "fa34ca1a57024cda51e190140d3e0c31", (won't be used by you)
  "author": "Jim Jarrassé, Marc de Boni", (author of article)
  "categoryId": "QWN0dWFsaXTDqXNBY3R1YWxpdmOpcw==", (category id)
  "content": "<p>«Tout est fait pour réserver la République aux grands partis». La phrase, prononcée en 1981 par J<a href=\"http://plus.lefigaro.fr/tag/jean-marie-le-pen\" target=\"\">ean-Marie Le Pen</a>, pourrait se retrouver aujourd'hui dans la bouche de sa fille. Depuis 30 ans, le Front national dénonce à chaque élection présidentielle le seuil des 500 parrainages nécessaires pour candidater à la magistrature suprême. La partition est toujours la même: la pression exercée par les formations majoritaires sur les maires les décourageraient d'apporter leur soutien au candidat du parti frontiste. Pourtant, à l'exception de l'échec de 1981, date à laquelle le nombre de parrainages requis était passé de 100 à 500, le FN a....", (content of article in html)
  "date": 1328117199,
  "lireAussi": [ (information about similar articles, won't be used by you)
    {
      "articleId": "ae571d3fd603fa4e36a5b6b7b3d9f9cf",
      "type": 0,
      "link": "http://www.lefigaro.fr/politique/2012/01/06/01002-20120106ARTFIG00615-le-fn-menace-l-ump-de-represailles.php",
      "title": "» Parrainages: le FN menace l'UMP de représailles"
    },
    {
      "articleId": "23f383800dae88cafe16512ec37788d5",
      "type": 0,
      "link": "http://www.lefigaro.fr/politique/2012/01/05/01002-20120105ARTFIG00995-marine-le-pen-dit-risquer-de-ne-pas-pouvoir-etre-candidate.php",
      "title": "» Marine Le Pen dit «risquer de ne pas pouvoir être candidate»"
    },
    {
      "articleId": "251ca65f4983e9b4a9c98c39acbab294",
      "type": 0,
      "link": "http://www.lefigaro.fr/politique/2011/12/26/01002-20111226ARTFIG00257-ces-maires-qui-hesitent-a-parrainer-des-candidats.php",
      "title": "» Ces maires qui hésitent à parrainer des candidats"
    }
  ],
}
```

```

{
"articleId": "7d3f32c1540517369f0963ff9e9ee604",
"type": 0,
"link": "http://www.lefigaro.fr/politique/2011/12/29/01002-20111229ARTFIG00462-parrainages-le-ps-a-retenu-la-lecon-de-2002.php",
"title": "» Parrainages: le PS a retenu la leçon de 2002"
}
],
"photos": [ (information about images, that are in article, can be not used by you, you can use image from header of category)
{
"url": "http://figaro.service.yagasp.com/image/%dx%d/get.js?url=http://www.lefigaro.fr/medias/2012/02/01/d2d33eb0-4cea-11e1-b3e7-1ae1182ab543.jpg",
"md5": "6201b95dfb94efd5f7b2969d0022bc6f",
"legend": "Marine et Jean-Marie Le Pen.",
"credits": "ALAIN JOCARD/AFP",
"isDefault": 1,
"width": "493",
"height": "328"
}
], (rest things won't be used by you)
"shareArticleUrl": "http://www.lefigaro.fr/politique/2012/02/01/01002-20120201ARTFIG00399-parrainages-du-fn-reelle-inquietude-ou-grand-bluff.php",
"subtitle": "VIDÉO - Depuis 1981, le Front national dénonce à chaque élection présidentielle la règle des 500 signatures, qu'il parvient finalement à récolter. Marine Le Pen, qui dit disposer de 340 promesses de parrainages, tire à son tour la sonnette d'alarme et réfute toute tentative de bluff.",
"tags": [
{
"tagId": "ecd7717dc928ab569f4746e2279381d4",
"name": "Marine Le Pen"
},
{
"tagId": "2d1521202241a88fab183a1e1e3a56da",
"name": "Front national"
}
],
"title": "Parrainages de Marine Le Pen : réelle inquiétude ou grand bluff ?",
"update": 1328177190,
"videos": [
{
"md5": "78cc4c93e44d37bf1b7678bdbe45263a",
"link": "1424616979001",
"type": 2,
"thumb": "http://brightcove01.brightcove.com/10/610043537001/201201/2742/610043537001_1424668080001_vs-1424640651001.jpg?pubId=610043537001"
}
]

```

}

Webservice to images:

In article and in list of articles there are links to get images:

As example

<http://figaro.service.yagasp.com/image/%dx%d/get.js?url=http://www.lefigaro.fr/medias/2012/02/01/d2d33eb0-4cea-11e1-b3e7-1ae1182ab543.jpg>

To get image we are replacing “%dx%d” by resolution of image. Preferable size is 300x300, so to get image in this resolution request should look:

<http://figaro.service.yagasp.com/image/300x300/get.js?url=http://www.lefigaro.fr/medias/2012/02/01/d2d33eb0-4cea-11e1-b3e7-1ae1182ab543.jpg>

Then in most cases you will get image. But in some special cases (when we have really fresh article (that has just few seconds) it is possible that will be returned JSON with information, that this image is on queue to resize (you can check this, by providing exotic image size like :113x79)