

面试作业

总共有两个题目（自定义控件和加载图片）

自定义控件

1. 渲染一段英文文本
2. 文本中的单词，被点击后可以高亮
3. 单词高亮后，显示一个查词框（不限查词框形式）。

查词框的内容：

- a. 单词文本
- b. 单词释义
- c. 单词音标
- d. 点击可以播放单词发音

请通过扇贝网的开放API获取这些内容[点击查看](#)。

4. 把这个查词框做成一个独立的控件（合理封装，接口友好，应用多种场景）
5. 可以参考[扇贝新闻](#)的效果
6. 合理的注释方便代码阅读

进阶要求（选做）：

1. 通过自定义View实现该控件
2. 文本实现两边对齐并且同样支持点击查词
3. 给查词框增加出现和消失的动画或者合理的手势操作

英文文本：

KIEV – The European Union warned Ukraine on Thursday time was running out to revive shelved deals on free trade and political association by meeting the bloc's concerns over the jailing of opposition leader Yulia Tymoshenko and bringing in reforms.

A senior EU official also made it clear the agreements would fall through if Ukraine

joined the Russia-led post-Soviet Customs Union trade bloc. "We have a window of opportunity. But time is short," Stefan Fuele, the European Commissioner for Enlargement and European Neighbourhood Policy, said on a visit to Ukraine.

Brussels put off signing the landmark agreements after a Ukrainian court jailed former prime minister Tymoshenko, President Viktor Yanukovich's main opponent, on an abuse-of-office charge in October 2011.

The EU says the Tymoshenko case and those of other prosecuted opposition politicians are examples of selective justice and are a barrier to Ukraine's ambition of European integration.

Two other issues raised by the bloc are related to the electoral system, which came under fire from Western observers following the parliamentary election in October, and legal reforms needed to bring Ukraine closer to EU standards.

"The European Union is committed to signing the association agreement...provided there is determined action and tangible progress on the three key issues: selective justice, addressing the shortcomings of the October election and advancing the association agenda reforms," Fuele told reporters. "After several recent setbacks in Ukraine there is a need to regain confidence that Ukraine could emerge as a modern European country."

Fuele, whose visit may set the tone of a Feb. 25 EU-Ukraine summit, said the two agreements could be signed at the EU's Eastern Partnership summit in November if the former Soviet republic met the bloc's conditions.

But he warned the Kiev government that joining a customs union with Russia, aggressively promoted by Moscow, would ruin those prospects.

"Joining any structure which would imply transferring the ability to set tariffs and define its trade policy to a supranational body would mean that Ukraine would no longer be able to implement the tariff dismantling agreed with the European Union in the context of the DCFTA [Deep and Comprehensive Free Trade Agreement]," Fuele said in a speech at the Ukrainian parliament.

"It would also not be able anymore to regulate areas such as food standards, or technical product standards, all of them important in the framework of the DCFTA. It will not be able to integrate economically with the European Union," he continued.

Ukrainian officials say they are committed to European integration. But they say they are also looking for a way to cooperate with the Customs Union because both blocs are Ukraine's major trade partners.

Fuele urged Ukraine to make sure it adopts and implements laws that actually work and adhere to European standards, citing as an example the law on state procurement - purchases of goods and services by the government.

The EU suspended some of its Ukraine financial aid programs after Kiev adopted a law on state procurement which Brussels said was riddled with loopholes and thus failed to ensure transparent and competitive procedures.

加载图片

1. 用列表的形式展示一组图片

2. 图片显示的要求是

a. 先显示本地图片（目录：SD卡目录/Andorid/data/包名/Images）

b. 本地没有图片时，去尝试下载图片

i. 有网络时，根据相应的url下载图片，下载完毕后，显示已下载的图片，并且保存在本地

ii. 无网络或者下载失败时，显示默认图片（res文件）

c. 图片下载失败时，增加合理的重试机制

3. 合理的注释方便代码阅读

推荐实现方式：

1. 使用第三方图片库

2. 使用第三方网络库

3. 使用RxJava

默认图片：[default](#)

一组图片urls：

https://static.baydn.com/media/media_store/image/f1672263006c6e28bb9dee7652fa4cf6.jpg

https://static.baydn.com/media/media_store/image/8c997fae9ebb2b22ecc098a379cc2ca3.jpg

https://static.baydn.com/media/media_store/image/2a4616f067285b4bd59fe5401cd7106b.jpeg

https://static.baydn.com/media/media_store/image/b0e3ab329c8d8218d2af5c8dfdc21125.jpg

https://static.baydn.com/media/media_store/image/670abb28408a9a0fc3dd9666e5ca1584.jpeg

https://static.baydn.com/media/media_store/image/1e8d675468ab61f4e5bdebd4bcb5f007.jpeg

https://static.baydn.com/media/media_store/image/9b2f93cbfa104dae1e67f540ff14a4c2.jpg

https://static.baydn.com/media/media_store/image/f5e0631e00a09edbbf2eb21eb71b4d3c.jpeg