# 接口对接

接口对接，其实就是模拟http请求，获取其他服务器的数据，再通过自己的服务器对其进行操作。

## 网络请求

### 模拟http请求

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| //模拟http请求  //根据url获取用户信息返回值  public JSONObject getUser(String url) throws IOException, JSONException{    String result = "";  BufferedReader in = null;    try {  URL realUrl = new URL(url);  // 打开和URL之间的连接  URLConnection connection = realUrl.openConnection();  // 设置通用的请求属性  connection.setRequestProperty("accept", "\*/\*");  connection.setRequestProperty("connection", "Keep-Alive");  connection.setRequestProperty("user-agent",  "Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.1;SV1)");  // 建立实际的连接  connection.connect();  // 获取所有响应头字段  Map<String, List<String>> map = connection.getHeaderFields();  // 遍历所有的响应头字段  for (String key : map.keySet()) {  System.out.println(key + "--->" + map.get(key));  }  // 定义 BufferedReader输入流来读取URL的响应  in = new BufferedReader(new InputStreamReader(  connection.getInputStream()));  String line;  while ((line = in.readLine()) != null) {  result += line;  }  } catch (MalformedURLException e) {  e.printStackTrace();  }  // 使用finally块来关闭输入流  finally  {  try  {  if (in != null)  {  in.close();  }  }  catch (Exception e2) {  e2.printStackTrace();  }  }    if(result != "")  {  JSONObject object = new JSONObject(result);  System.out.println(object);  return object;  }  return null;  } |

### 使用httpclient

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## JSON数据

Json

ObjectMapper -----------> jackson

JsonObject -----------> fastjson

### Fastjson

1. JSON类

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| package com.alibaba.fastjson;  public abstract class JSON {  // 将Java对象序列化为JSON字符串，支持各种各种Java基本类型和JavaBean  public static String toJSONString(Object object, SerializerFeature... features);  // 将Java对象序列化为JSON字符串，返回JSON字符串的utf-8 bytes  public static byte[] toJSONBytes(Object object, SerializerFeature... features);  // 将Java对象序列化为JSON字符串，写入到Writer中  public static void writeJSONString(Writer writer,  Object object, SerializerFeature... features);  // 将Java对象序列化为JSON字符串，按UTF-8编码写入到OutputStream中  public static final int writeJSONString(OutputStream os, //Object object, // SerializerFeature... features);  } |

## 数据加密

## 安全证书

## 接口对接示例