**[Java中Json字符串直接转换为对象(包括多层List集合)](http://blog.csdn.net/catoop/article/details/42744705)**

2015-01-15 18:25 37034人阅读 [评论](http://blog.csdn.net/catoop/article/details/42744705#comments)(9) [收藏](javascript:void(0);) [举报](http://blog.csdn.net/catoop/article/details/42744705#report)

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使用到的类：net.sf.json.JSONObject

使用JSON时，除了要导入JSON网站上面下载的json-lib-2.2-jdk15.jar包之外，还必须有其它几个依赖包：commons-beanutils.jar，commons-httpclient.jar，commons-lang.jar，ezmorph.jar，morph-1.0.1.jar

下面是例子代码：

**[java]** [view plain](http://blog.csdn.net/catoop/article/details/42744705) [copy](http://blog.csdn.net/catoop/article/details/42744705)

1. // JSON转换
2. JSONObject jsonObj = JSONObject.fromObject(jsonStrBody);
4. Map<String, Class> classMap = **new** HashMap<String, Class>();
5. classMap.put("results", WeatherBean\_Baidu\_City.**class**);
6. classMap.put("index", WeatherBean\_Baidu\_City\_Index.**class**);
7. classMap.put("weather\_data", WeatherBean\_Baidu\_City\_Weatherdata.**class**);
8. // 将JSON转换成WeatherBean\_Baidu
9. WeatherBean\_Baidu weather = (WeatherBean\_Baidu) JSONObject.toBean(jsonObj,
10. WeatherBean\_Baidu.**class**, classMap);
11. System.out.println(weather.getResults());

使用到的几个JAVA类代码：

**[html]** [view plain](http://blog.csdn.net/catoop/article/details/42744705) [copy](http://blog.csdn.net/catoop/article/details/42744705)

1. package com.lenovo.conference.entity.vo;
3. import java.io.Serializable;
4. import java.util.List;
6. /\*\*
7. \* 天气Bean
8. \*
9. \* @author SHANHY
10. \*
11. \*/
12. @SuppressWarnings("serial")
13. public class WeatherBean\_Baidu implements Serializable {
15. private String error;//错误号
16. private String status;//状态值
17. private String date;//日期
18. private List**<WeatherBean\_Baidu\_City>** results;//城市天气预报集合（因为一次可以查询多个城市）
20. public WeatherBean\_Baidu() {
21. super();
22. }
24. public String getError() {
25. return error;
26. }
28. public void setError(String error) {
29. this.error = error;
30. }
32. public String getStatus() {
33. return status;
34. }
36. public void setStatus(String status) {
37. this.status = status;
38. }
40. public String getDate() {
41. return date;
42. }
44. public void setDate(String date) {
45. this.date = date;
46. }
48. public List**<WeatherBean\_Baidu\_City>** getResults() {
49. return results;
50. }
52. public void setResults(List**<WeatherBean\_Baidu\_City>** results) {
53. this.results = results;
54. }
56. }

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1. **package** com.lenovo.conference.entity.vo;
3. **import** java.io.Serializable;
4. **import** java.util.List;
6. /\*\*
7. \* 天气Bean
8. \*
9. \* @author SHANHY
10. \*
11. \*/
12. @SuppressWarnings("serial")
13. **public** **class** WeatherBean\_Baidu\_City **implements** Serializable {
15. **private** String currentCity;//城市名称
16. **private** String pm25;//pm2.5值
17. **private** List<WeatherBean\_Baidu\_City\_Index> index;//指数集合
18. **private** List<WeatherBean\_Baidu\_City\_Weatherdata> weather\_data;//几天的天气集合
20. **public** WeatherBean\_Baidu\_City() {
21. **super**();
22. }
24. **public** String getCurrentCity() {
25. **return** currentCity;
26. }
28. **public** **void** setCurrentCity(String currentCity) {
29. **this**.currentCity = currentCity;
30. }
32. **public** String getPm25() {
33. **return** pm25;
34. }
36. **public** **void** setPm25(String pm25) {
37. **this**.pm25 = pm25;
38. }
40. **public** List<WeatherBean\_Baidu\_City\_Index> getIndex() {
41. **return** index;
42. }
44. **public** **void** setIndex(List<WeatherBean\_Baidu\_City\_Index> index) {
45. **this**.index = index;
46. }
48. **public** List<WeatherBean\_Baidu\_City\_Weatherdata> getWeather\_data() {
49. **return** weather\_data;
50. }
52. **public** **void** setWeather\_data(
53. List<WeatherBean\_Baidu\_City\_Weatherdata> weather\_data) {
54. **this**.weather\_data = weather\_data;
55. }
57. }

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1. **package** com.lenovo.conference.entity.vo;
3. **import** java.io.Serializable;
5. /\*\*
6. \* 天气Bean
7. \*
8. \* @author SHANHY
9. \*
10. \*/
11. @SuppressWarnings("serial")
12. **public** **class** WeatherBean\_Baidu\_City\_Weatherdata **implements** Serializable {
14. **private** String date;// 日期
15. **private** String dayPictureUrl;// 白天的天气图片
16. **private** String nightPictureUrl;// 晚上的天气图片
17. **private** String weather;// 天气
18. **private** String wind;// 风向
19. **private** String temperature;// 温度
21. **public** WeatherBean\_Baidu\_City\_Weatherdata() {
22. **super**();
23. }
25. **public** String getDate() {
26. **return** date;
27. }
29. **public** **void** setDate(String date) {
30. **this**.date = date;
31. }
33. **public** String getDayPictureUrl() {
34. **return** dayPictureUrl;
35. }
37. **public** **void** setDayPictureUrl(String dayPictureUrl) {
38. **this**.dayPictureUrl = dayPictureUrl;
39. }
41. **public** String getNightPictureUrl() {
42. **return** nightPictureUrl;
43. }
45. **public** **void** setNightPictureUrl(String nightPictureUrl) {
46. **this**.nightPictureUrl = nightPictureUrl;
47. }
49. **public** String getWeather() {
50. **return** weather;
51. }
53. **public** **void** setWeather(String weather) {
54. **this**.weather = weather;
55. }
57. **public** String getWind() {
58. **return** wind;
59. }
61. **public** **void** setWind(String wind) {
62. **this**.wind = wind;
63. }
65. **public** String getTemperature() {
66. **return** temperature;
67. }
69. **public** **void** setTemperature(String temperature) {
70. **this**.temperature = temperature;
71. }
73. }

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3. **import** java.io.Serializable;
5. /\*\*
6. \* 天气Bean
7. \*
8. \* @author SHANHY
9. \*
10. \*/
11. @SuppressWarnings("serial")
12. **public** **class** WeatherBean\_Baidu\_City\_Index **implements** Serializable {
14. **private** String title;//标题
15. **private** String zs;//舒适度
16. **private** String tipt;//指数简述
17. **private** String des;//指数概述
19. **public** WeatherBean\_Baidu\_City\_Index() {
20. **super**();
21. }
23. **public** String getTitle() {
24. **return** title;
25. }
27. **public** **void** setTitle(String title) {
28. **this**.title = title;
29. }
31. **public** String getZs() {
32. **return** zs;
33. }
35. **public** **void** setZs(String zs) {
36. **this**.zs = zs;
37. }
39. **public** String getTipt() {
40. **return** tipt;
41. }
43. **public** **void** setTipt(String tipt) {
44. **this**.tipt = tipt;
45. }
47. **public** String getDes() {
48. **return** des;
49. }
51. **public** **void** setDes(String des) {
52. **this**.des = des;
53. }
55. }

例子中解析所对应的JSON字符串

**[html]** [view plain](http://blog.csdn.net/catoop/article/details/42744705) [copy](http://blog.csdn.net/catoop/article/details/42744705)

1. {"error":0,"status":"success","date":"2015-01-15","results":[{"currentCity":"南京","pm25":"83","index":[{"title":"穿衣","zs":"较冷","tipt":"穿衣指数","des":"建议着厚外套加毛衣等服装。年老体弱者宜着大衣、呢外套加羊毛衫。"},{"title":"洗车","zs":"较适宜","tipt":"洗车指数","des":"较适宜洗车，未来一天无雨，风力较小，擦洗一新的汽车至少能保持一天。"},{"title":"旅游","zs":"适宜","tipt":"旅游指数","des":"天气较好，气温稍低，会感觉稍微有点凉，不过也是个好天气哦。适宜旅游，可不要错过机会呦！"},{"title":"感冒","zs":"少发","tipt":"感冒指数","des":"各项气象条件适宜，无明显降温过程，发生感冒机率较低。"},{"title":"运动","zs":"较不宜","tipt":"运动指数","des":"阴天，且天气寒冷，推荐您在室内进行低强度运动；若坚持户外运动，请选择合适的运动并注意保暖。"},{"title":"紫外线强度","zs":"最弱","tipt":"紫外线强度指数","des":"属弱紫外线辐射天气，无需特别防护。若长期在户外，建议涂擦SPF在8-12之间的防晒护肤品。"}],"weather\_data":[{"date":"周四 01月15日 (实时：6℃)","dayPictureUrl":"http://api.map.baidu.com/images/weather/day/yin.png","nightPictureUrl":"http://api.map.baidu.com/images/weather/night/duoyun.png","weather":"阴转多云","wind":"北风微风","temperature":"8 ~ 4℃"},{"date":"周五","dayPictureUrl":"http://api.map.baidu.com/images/weather/day/duoyun.png","nightPictureUrl":"http://api.map.baidu.com/images/weather/night/qing.png","weather":"多云转晴","wind":"西北风3-4级","temperature":"12 ~ 0℃"},{"date":"周六","dayPictureUrl":"http://api.map.baidu.com/images/weather/day/qing.png","nightPictureUrl":"http://api.map.baidu.com/images/weather/night/duoyun.png","weather":"晴转多云","wind":"东北风3-4级","temperature":"8 ~ 0℃"},{"date":"周日","dayPictureUrl":"http://api.map.baidu.com/images/weather/day/qing.png","nightPictureUrl":"http://api.map.baidu.com/images/weather/night/qing.png","weather":"晴","wind":"西风微风","temperature":"10 ~ -1℃"}]},{"currentCity":"徐州","pm25":"154","index":[{"title":"穿衣","zs":"较冷","tipt":"穿衣指数","des":"建议着厚外套加毛衣等服装。年老体弱者宜着大衣、呢外套加羊毛衫。"},{"title":"洗车","zs":"较适宜","tipt":"洗车指数","des":"较适宜洗车，未来一天无雨，风力较小，擦洗一新的汽车至少能保持一天。"},{"title":"旅游","zs":"适宜","tipt":"旅游指数","des":"天气较好，但丝毫不会影响您出行的心情。温度适宜又有微风相伴，适宜旅游。"},{"title":"感冒","zs":"较易发","tipt":"感冒指数","des":"天气较凉，较易发生感冒，请适当增加衣服。体质较弱的朋友尤其应该注意防护。"},{"title":"运动","zs":"较不宜","tipt":"运动指数","des":"天气较好，但考虑天气寒冷，推荐您进行各种室内运动，若在户外运动请注意保暖并做好准备活动。"},{"title":"紫外线强度","zs":"最弱","tipt":"紫外线强度指数","des":"属弱紫外线辐射天气，无需特别防护。若长期在户外，建议涂擦SPF在8-12之间的防晒护肤品。"}],"weather\_data":[{"date":"周四 01月15日 (实时：6℃)","dayPictureUrl":"http://api.map.baidu.com/images/weather/day/duoyun.png","nightPictureUrl":"http://api.map.baidu.com/images/weather/night/duoyun.png","weather":"多云","wind":"南风微风","temperature":"10 ~ 3℃"},{"date":"周五","dayPictureUrl":"http://api.map.baidu.com/images/weather/day/duoyun.png","nightPictureUrl":"http://api.map.baidu.com/images/weather/night/duoyun.png","weather":"多云","wind":"北风3-4级","temperature":"11 ~ -4℃"},{"date":"周六","dayPictureUrl":"http://api.map.baidu.com/images/weather/day/duoyun.png","nightPictureUrl":"http://api.map.baidu.com/images/weather/night/duoyun.png","weather":"多云","wind":"东风微风","temperature":"6 ~ -4℃"},{"date":"周日","dayPictureUrl":"http://api.map.baidu.com/images/weather/day/duoyun.png","nightPictureUrl":"http://api.map.baidu.com/images/weather/night/duoyun.png","weather":"多云","wind":"西风3-4级","temperature":"11 ~ -1℃"}]}]}