



链滴

# java 克隆工具类

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原文链接: <https://ld246.com/article/1552376679239>

来源网站: [链滴](#)

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## 对象克隆工具类

```
public class CloneUtils {
    public static <T extends Serializable> T clone(T obj){
        T cloneObj = null;
        try {
            ByteArrayOutputStream out = new ByteArrayOutputStream();
            ObjectOutputStream obs = new ObjectOutputStream(out);
            obs.writeObject(obj);
            obs.close();
            ByteArrayInputStream ios = new ByteArrayInputStream(out.toByteArray());
            ObjectInputStream ois = new ObjectInputStream(ios);
            cloneObj = (T) ois.readObject();
            ois.close();
        } catch (Exception e) {
            e.printStackTrace();
        }
        return cloneObj;
    }

    @SuppressWarnings("unchecked")
    public static <T> List<T> deepClone(List<T> src) throws IOException, ClassNotFoundException {
        List<T> dest = null;
        try {
            ByteArrayOutputStream byteOut = new ByteArrayOutputStream();
            ObjectOutputStream out = new ObjectOutputStream(byteOut);
            out.writeObject(src);
            ByteArrayInputStream byteIn = new ByteArrayInputStream(byteOut.toByteArray());
            ObjectInputStream in = new ObjectInputStream(byteIn);
            dest = (List<T>) in.readObject();
        } catch (Exception e) {
            e.printStackTrace();
        }
        return dest;
    }
}
```