Class java.util.Properties

```
java.lang.Object
   |
   +----java.util.Dictionary
           |
           +----java.util.Hashtable
                   |
                   +----java.util.Properties
```

---

public class **Properties**
extends Hashtable

Persistent properties class. This class is basically a hashtable that can be saved/loaded from a stream. If a property is not found, a property list containing defaults is searched. This allows arbitrary nesting.

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Version:
1.19, 08/30/95

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Variables

- **defaults**

```
protected Properties defaults
```

Constructors

- **Properties**

```
public Properties()
```

Creates an empty property list.

- **Properties**

```
public Properties(Properties defaults)
```

Creates an empty property list with specified defaults.
Parameters:
defaults – the defaults

Methods

- **load**

```
public synchronized void load(InputStream in) throws IOException
```

Loads properties from an InputStream.
Parameters:
in – the input stream

- **save**

```
public synchronized void save(OutputStream out,
                              String header)
```

Save properties to an OutputStream. Use the header as a comment at the top of the file.

o **getProperty**

```
public String getProperty(String key)
```

Gets a property with the specified key. If the key is not found in this property list, try the defaults. This method returns null if the property is not found.

Parameters:

key – the hashtable key

o **getProperty**

```
public String getProperty(String key,
                          String defaultValue)
```

Gets a property with the specified key and default. If the key is not found in this property list, try the defaults. This method returns def if the property is not found.

o **propertyNames**

```
public Enumeration propertyNames()
```

Enumerates all the keys.

o **list**

```
public void list(PrintStream out)
```

List properties, for debugging