

com.zebra.adc.decoder

# Class Barcode2DWithSoft

java.lang.Object  
com.zebra.adc.decoder.Barcode2DWithSoft

public class **Barcode2DWithSoft**  
extends java.lang.Object

2D\_S instance

## Nested Class Summary

### Nested Classes

Modifier and Type	Class and Description
static interface	<b>Barcode2DWithSoft.PictureCallback</b> Picture call back
static interface	<b>Barcode2DWithSoft.ScanCallback</b> Scan call back
static class	<b>Barcode2DWithSoft.ScannerParamNum</b> ScannerParamNumber
static class	<b>Barcode2DWithSoft.ScannerParamVal</b> ScannerParamValue
static class	<b>Barcode2DWithSoft.ScannerPropertyNum</b> ScannerPropertyNumber
static interface	<b>Barcode2DWithSoft.VideoCallback</b> VideoCallback

## Method Summary

### Methods

Modifier and Type	Method and Description
boolean	<b>close()</b> Close the hardware module
void	<b>disableAllCodeTypes()</b> Disable all the barcode types
void	<b>enableAllCodeTypes()</b> Enable all the barcode types
static <b>Barcode2DWithSoft</b>	<b>getInstance()</b> Get 2D_S instance
int	<b>getNumParameter(int paramNum)</b> Get the parameters
int	<b>getNumProperty(int propNum)</b> getNumProperty
java.lang.String	<b>getStrParameter(int paramNum)</b> Get the parameters
java.lang.String	<b>getStrProperty(int propNum)</b> Get the property
boolean	<b>open(Context context)</b> Open the hardware module
void	<b>scan()</b> Scan
void	<b>setDefaultParameters()</b> Set default parameters
boolean	<b>setParameter(int paramNum, int paramVal)</b> Set parameters
boolean	<b>setParameter(int paramNum, java.lang.String paramVal)</b> Set parameters

void	<code>setPreviewDisplay(SurfaceHolder holder)</code> Set preview display
void	<code>setScanCallback(Barcode2DWithSoft.ScanCallback sc)</code> Set scan call back
void	<code>startPreview()</code> Start preview
void	<code>startViewFinder(Barcode2DWithSoft.VideoCallback cb)</code> Start view finder
void	<code>stopPreview()</code> Stop preview
void	<code>stopScan()</code> Stop scanning
void	<code>takePicture(Barcode2DWithSoft.PictureCallback cb)</code> Take picture

### Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

## Method Detail

### close

`public boolean close()`

Close the hardware module

**Returns:**

true for success, false for failure

### disableAllCodeTypes

`public void disableAllCodeTypes()`

Disable all the barcode types

### enableAllCodeTypes

`public void enableAllCodeTypes()`

Enable all the barcode types

### getInstance

`public static Barcode2DWithSoft getInstance()`

Get 2D\_S instance

**Returns:**

2D\_S instance

### getNumParameter

`public int getNumParameter(int paramNum)`

getNumParameter

**Parameters:**

paramNum -

**Returns:**

-1 when failure

### getNumProperty

```
public int getNumProperty(int propNum)
```

getNumProperty

**Parameters:**

propNum -

**Returns:**

-1 when failure

### getStrParameter

```
public java.lang.String getStrParameter(int paramNum)
```

getStrParameter

**Parameters:**

paramNum -

**Returns:**

-1 when failure

### getStrProperty

```
public java.lang.String getStrProperty(int propNum)
```

getStrProperty

**Parameters:**

paramNum -

**Returns:**

-1 when failure

### open

```
public boolean open(Context context)
```

Open the hardware module

### scan

```
public void scan()
```

Scan

### setDefaultParameters

```
public void setDefaultParameters()
```

setDefaultParameters

### setParameter

```
public boolean setParameter(int paramNum,  
                             int paramVal)
```

set parameters

**Parameters:**

paramNum -

paramVal -

**Returns:**

### setParameter

```
public boolean setParameter(int paramNum,  
                           java.lang.String paramVal)
```

set parameters

**Parameters:**

paramNum -

paramVal -

**Returns:**

## setPreviewDisplay

```
public void setPreviewDisplay(SurfaceHolder holder)  
                           throws java.io.IOException
```

setPreviewDisplay

**Parameters:**

holder -

**Throws:**

java.io.IOException

## setScanCallback

```
public void setScanCallback(Barcode2DWithSoft.ScanCallback sc)
```

setScanCallback

**Parameters:**

sc -call back

## startPreview

```
public void startPreview()
```

start preview

## startViewFinder

```
public void startViewFinder(Barcode2DWithSoft.VideoCallback cb)
```

startViewFinder

**Parameters:**

cb -

## stopPreview

```
public void stopPreview()
```

Stop preview

## stopScan

```
public void stopScan()
```

Stop scanning

## takePicture

```
public void takePicture(Barcode2DWithSoft.PictureCallback cb)
```

Take picture

**Parameters:**

cb -

