

## Dpdl MIDP Interface

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dpdl.libs

## Class MIDPInterface

Object

`dpdl.libs.MIDPInterface`

public class **MIDPInterface** extends Object

### Field Summary

|                |                              |
|----------------|------------------------------|
| static boolean | <a href="#">keepUIHidden</a> |
|----------------|------------------------------|

### Constructor Summary

[MIDPInterface](#)([DpdlEngine](#) engine, [Display](#) display\_,  
[Displayable](#) prevUI\_)

### Method Summary

|     |                                                            |
|-----|------------------------------------------------------------|
| int | <a href="#">MIDPLIB_addrSData</a> (int rs_id, String data) |
|-----|------------------------------------------------------------|

|     |                                                                    |
|-----|--------------------------------------------------------------------|
| int | <a href="#">MIDPLIB_Alert</a> (String title, String msg, int type) |
|-----|--------------------------------------------------------------------|

|     |                                                                                                                           |
|-----|---------------------------------------------------------------------------------------------------------------------------|
| int | <a href="#">MIDPLIB_Canvas</a> (int instance)<br>method representing a Canvas construction, note that gSetCurrent must be |
|-----|---------------------------------------------------------------------------------------------------------------------------|

called explicitly

int [MIDPLIB\\_closeRS](#)(int rs\_id)

int [MIDPLIB\\_deleteRSDData](#)(int rs\_id, int rec\_id)

int [MIDPLIB\\_enumRecords](#)(int rs\_id, int keepUpdated)

int [MIDPLIB\\_Form](#)(int instance, String title)

int [MIDPLIB\\_FormAppend](#)(int ind, String text)

int [MIDPLIB\\_FormClear](#)(int instance)

int [MIDPLIB\\_getCalendarField](#)(int field\_name)

int [MIDPLIB\\_getEnumNumRecords](#)(int rs\_id)

int [MIDPLIB\\_getNextRecordID](#)(int rs\_id)

int [MIDPLIB\\_getNumRecords](#)(int rs\_id)

int [MIDPLIB\\_getRecordSize](#)(int rs\_id, int rec\_id)

String [MIDPLIB\\_getRSDData](#)(int rs\_id, int rec\_id)

int [MIDPLIB\\_graphicsClear](#)(int component)

int [MIDPLIB\\_graphicsDrawLine](#)(int component, int x1, int y1, int x2, int y2)

int [MIDPLIB\\_graphicsDrawRect](#)(int component, int x, int y, int w, int h)

|        |                                                                                                         |
|--------|---------------------------------------------------------------------------------------------------------|
|        |                                                                                                         |
| int    | <a href="#"><u>MIDPLIB_graphicsDrawString</u></a> (int component, String str, int x, int y, int anchor) |
| int    | <a href="#"><u>MIDPLIB_graphicsFillRect</u></a> (int component, int x, int y, int w, int h)             |
| int    | <a href="#"><u>MIDPLIB_graphicsRepaint</u></a> (int component)                                          |
| int    | <a href="#"><u>MIDPLIB_graphicsSetColor</u></a> (int component, int r, int g, int b)                    |
| int    | <a href="#"><u>MIDPLIB_graphicsSetCurrent</u></a> (int instance)                                        |
| int    | <a href="#"><u>MIDPLIB_openRS</u></a> ( String name, int auth_mode, int write, int create)              |
| int    | <a href="#"><u>MIDPLIB_resetEnum</u></a> (int rs_id)                                                    |
| int    | <a href="#"><u>MIDPLIB_setRSData</u></a> (int rs_id, int rec_id, String data)                           |
| Object | <a href="#"><u>processMidpExtension</u></a> ( String name, Vector param)                                |
| void   | <a href="#"><u>setActiveThread</u></a> (int ID)                                                         |

### Methods inherited from class **Object**

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

### Field Detail

## keepUIHidden

```
public static boolean keepUIHidden
```

## Constructor Detail

### MIDPInterface

```
public MIDPInterface(DpdlEngine engine,  
                    Display display_,  
                    Displayable prevUI_)
```

## Method Detail

### setActiveThread

```
public void setActiveThread(intID)
```

---

### MIDPLIB\_getCalendarField

```
public int MIDPLIB_getCalendarField(int field_name)
```

---

### MIDPLIB\_Alert

```
public int MIDPLIB_Alert( String title,  
                          String msg,  
                          int type)
```

---

### MIDPLIB\_Form

```
public int MIDPLIB_Form(int instance,  
                        String title)
```

---

### MIDPLIB\_FormClear

```
public int MIDPLIB_FormClear(int instance)
```

---

### MIDPLIB\_FormAppend

```
public int MIDPLIB_FormAppend(int ind,  
                               String text)
```

---

## MIDPLIB\_Canvas

```
public int MIDPLIB_Canvas(int instance)
```

method representing a Canvas construction, note that gSetCurrent must be called explicitly

---

## MIDPLIB\_graphicsSetCurrent

```
public int MIDPLIB_graphicsSetCurrent(int instance)
```

---

## MIDPLIB\_graphicsSetColor

```
public int MIDPLIB_graphicsSetColor(int component,  
                                     int r,  
                                     int g,  
                                     int b)
```

---

## MIDPLIB\_graphicsRepaint

```
public int MIDPLIB_graphicsRepaint(int component)
```

---

## MIDPLIB\_graphicsClear

```
public int MIDPLIB_graphicsClear(int component)
```

---

## MIDPLIB\_graphicsDrawString

```
public int MIDPLIB_graphicsDrawString(int component,  
                                       String str,  
                                       int x,  
                                       int y,  
                                       int anchor)
```

---

## MIDPLIB\_graphicsDrawLine

```
public int MIDPLIB_graphicsDrawLine(int component,  
                                     int x1,  
                                     int y1,  
                                     int x2,  
                                     int y2)
```

---

## **MIDPLIB\_graphicsDrawRect**

```
public int MIDPLIB_graphicsDrawRect(int component,  
                                     int x,  
                                     int y,  
                                     int w,  
                                     int h)
```

---

## **MIDPLIB\_graphicsFillRect**

```
public int MIDPLIB_graphicsFillRect(int component,  
                                     int x,  
                                     int y,  
                                     int w,  
                                     int h)
```

---

## **MIDPLIB\_openRS**

```
public int MIDPLIB_openRS( String name,  
                           int auth_mode,  
                           int write,  
                           int create)
```

---

## **MIDPLIB\_closeRS**

```
public int MIDPLIB_closeRS(int rs_id)
```

---

## **MIDPLIB\_getNumRecords**

```
public int MIDPLIB_getNumRecords(int rs_id)
```

---

## **MIDPLIB\_enumRecords**

```
public int MIDPLIB_enumRecords(int rs_id,  
                                int keepUpdated)
```

---

## **MIDPLIB\_resetEnum**

```
public int MIDPLIB_resetEnum(int rs_id)
```

---

## **MIDPLIB\_getEnumNumRecords**

```
public int MIDPLIB_getEnumNumRecords(int rs_id)
```

---

## **MIDPLIB\_getNextRecordID**

```
public int MIDPLIB_getNextRecordID(int rs_id)
```

---

## **MIDPLIB\_getRecordSize**

```
public int MIDPLIB_getRecordSize(int rs_id,  
                                 int rec_id)
```

---

## **MIDPLIB\_addRSData**

```
public int MIDPLIB_addRSData(int rs_id,  
                             String data)
```

---

## **MIDPLIB\_setRSData**

```
public int MIDPLIB_setRSData(int rs_id,  
                             int rec_id,  
                             String data)
```

---

## **MIDPLIB\_getRSData**

```
public String MIDPLIB_getRSData(int rs_id,  
                                int rec_id)
```

---

## **MIDPLIB\_deleteRSData**

```
public int MIDPLIB_deleteRSData(int rs_id,  
                                int rec_id)
```

---

## **processMidpExtension**

```
public Object processMidpExtension( String name,  
                                   Vector param)
```

---

