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## Description

MIDP (Mobile Information Device Profile) is a specification/profile designed for mobile devices and PDAs ([JSR 37](#)). MIDP1.0 is the initial version which contains all the features required for java coding for [Java ME](#). It works over [CLDC](#) 1.0 or 1.1.

In order to overcome the limitations of MIDP 1.0 most of the mobile vendors have added implementation of proprietary api, like Nokia UI API.

First Java powered mobile phones includes this profile and it is compatible with [MIDP 2.0](#) phones. Every Nokia [Series 40](#), [S60](#) and [Series 80](#) supports this profile.

## Limitations

- MIDP 1.0 has no active rendering APIs
- MIDP 1.0 has no support for direct access to image pixels (RGB data)
- MIDP 1.0 has no support for full screen mode without a proprietary API, like [Nokia UI API](#).
- MIDP 1.0 has no support for audio directly without a proprietary API, like [Nokia UI API](#) or [MMAPI](#).
- MIDP 1.0 only supports HTTP support.
- MIDP 1.0 cannot query key status when you want (although key events are supported)

## Packages

MIDP 1.0 includes these packages:

- javax.microedition.io
- javax.microedition.lcdui (see [LCDUI](#))
- javax.microedition.rms
- javax.microedition.midlet

## Links

JCP specification: <http://jcp.org/en/jsr/detail?id=37>

General Wiki [http://en.wikipedia.org/wiki/Mobile\\_Information\\_Device\\_Profile](http://en.wikipedia.org/wiki/Mobile_Information_Device_Profile)