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Platform	S60 3rd Edition	Tested on devices	Nokia N95 8GB
Category	Python	Subcategory	Controle de arquivos

Keywords (APIs, classes, methods, functions): struct

Introdução

Este exemplo demonstra como deserializar tipos básicos do Python, em forma de uma classe simples.

Código fonte

```
import struct

class Deserializer:
    __file = None
    __open = False

    def __readBasicDataType (self, which):
        assert self.__open
        d = self.__file.read (struct.calcsize(which))
        n = struct.unpack (which, d)
        return n [0]

    def __init__ (self, filename):
        self.__file = file (filename, "rb")
        self.__open = True

    def readLong (self):
        return self.__readBasicDataType ('l')

    def readUlong (self):
        return self.__readBasicDataType ('L')

    def readByte (self):
        return self.__readBasicDataType ('b')

    def readFloat (self):
        return self.__readBasicDataType ('f')

    def readDouble (self):
        return self.__readBasicDataType ('d')

    def readBytesAsString (self, num):
```

Deserializador_simples_para_Python

```
    assert self.__open
    return self.__file.read (num)

def close (self):
    assert self.__open
    self.__file.close()
    self.__open = False
```