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# **eitparser**

**Frank Glaser**

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## EIT PACKAGE

## 1.1 Submodules

## 1.2 eit.EitSupport module

```
class eit.EitSupport.EitList (path=None)
    Bases: object

    EIT_EXTENDED_EVENT_DESCRIPTOR = 78
    EIT_SHORT_EVENT_DESCRIPTOR = 77

    getEitDate()
    getEitDescription()
    getEitDuration()
    getEitExtendedDescription()
    getEitLengthInSeconds()
    getEitName()
    getEitShortDescription()
    getEitStartDate()
    getEitStartTime()
    getEitTsId()
    getEitWhen()
    getEitsid()

eit.EitSupport.emcDebugOut (msg)
eit.EitSupport.language_iso639_2to3 (alpha2)
eit.EitSupport.parseMJD (MJD)
eit.EitSupport.unBCD (byte)
```

## 1.3 eit.eitparser module

```
class eit.eitparser.Bytes
    Bases: object

    append (b)

    static join (blist)
        join the list of bytes

    strip ()
        strip me

    toString ()

class eit.eitparser.EitList (path=None, debug=False)
    Bases: object

    EIT_EXTENDED_EVENT_DESCRIPTOR = 78

    EIT_SHORT_EVENT_DESCRIPTOR = 77

    getEitDate ()

    getEitDescription ()

    getEitDuration ()

    getEitExtendedDescription ()

    getEitLengthInSeconds ()

    getEitName ()

    getEitShortDescription ()

    getEitStartDate ()

    getEitStartTime ()

    getEitTsId ()

    getEitWhen ()

    getEitsid ()

    log (msg)

    static readeit (eitroot, debug=False)

    static readeitFile (eitfile, debug=False)

class eit.eitparser.Event (eitList, name)
    Bases: object

    appendDescription (lang, ISO_639_language_code, prev1_ISO_639_language_code, de-
                        lim='\n\n')

    fixEncoding ()

    joinDescriptor ()

    log (msg)

    readCodepage (data, ofs)

    readDescription (data, ofsStart, ofsEnd=None)
        read my description from the given offset
```

```
static readLanguageCode (data, ofs)  
    read the language code from the given offset in the data  
  
eit.eitparser.bord (b)  
    binary ord - just for code compatibility  
  
eit.eitparser.language_iso639_2to3 (alpha2)  
  
eit.eitparser.main ()  
  
eit.eitparser.parseMJD (MJD)  
  
eit.eitparser.unBCD (byte)
```

## 1.4 Module contents





**SETUP MODULE**



## TESTS PACKAGE

### 3.1 Submodules

### 3.2 tests.test\_eit module

Created on 2020-11-09

@author: wf

```
class tests.test_eit.TestEitParser (methodName='runTest')
    Bases: unittest.case.TestCase
        test the standalone EIT Parser

    setUp ()
        Hook method for setting up the test fixture before exercising it.

    tearDown ()
        Hook method for deconstructing the test fixture after testing it.

    testEitParser ()
        test the Event Information Table parser
```

### 3.3 Module contents



## INDICES AND TABLES

- `genindex`
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