



ID	-	Creation date	
Platform	S60 3rd Edition	Tested on devices	E61i
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Keywords (APIs, classes, methods, functions): CTelephony::GetSubscriberId()

CImisiReader example illustrates how to read IMSI (SIM card's identity number, which has nearly nothing to do with the MSISDN that is the phone number used for calling) in 3rd Edition Symbian devices. Note that this code will most likely not work in the emulator, thus you should only use it in real devices.

Link against:

etel3rdparty.lib

Capability require:

CAPABILITY ReadDeviceData

IMSI_Getter.cpp

```
#include "Imsi_Getter.h" //LP: added #include for Imsi_Getter.h header file
```

```
CImisiReader* CImisiReader::NewL(MImisiObserver* aObserver)
{
    CImisiReader* self = NewLC(aObserver);
    CleanupStack::Pop(self);
    return self;
}
```

```
CImisiReader* CImisiReader::NewLC(MImisiObserver* aObserver)
{
    CImisiReader* self = new (ELeave) CImisiReader(aObserver);
    CleanupStack::PushL(self);
    self->ConstructL();
    return self;
}
```

```
CImisiReader::CImisiReader(MImisiObserver* aObserver)
: CActive(0), iObserver(aObserver), iImsiV1Pkg(iImsiV1)
```

Link against:

Reading_IMSI_in_3rd_Edition

```
{
}

CImisiReader::~CImisiReader()
{
    Cancel()
    delete iTelephony;
}

void CImisiReader::ConstructL(void)
{
    CActiveScheduler::Add(this);

    iTelephony = CTelephony::NewL();
    iTelephony->SetSubscriberId(iStatus, iImisiV1Pkg);
    SetActive()
}

void CImisiReader::DoCancel()
{
    iTelephony->Async(CTelephony::EGetSubscriberIdCancel);
}

void CImisiReader::RunL()
{
    //LP: added ";" and replaced iTelephony with iObserver
    iObserver->IMSIL(iImisiV1.iSubscriberId, iStatus.Int());
}

```

IMSI_Getter.h

```
#include <Etel3rdParty.h>
class MImisiObserver
{
public://      New methods
    virtual void GotIMSIL(const TDesC& aIMSI, TInt aError) = 0;
};

class CImisiReader : public CActive
{
public:
    static CImisiReader* NewL(MImisiObserver* aObserver);
    static CImisiReader* NewLC(MImisiObserver* aObserver);
    CImisiReader(MImisiObserver* aObserver);
    ~CImisiReader() {}

protected:
    void DoCancel();
    void RunL();
private:
    void ConstructL(void);

private:
    MImisiObserver* iObserver;
    CTelephony* iTelephony;
    TSubscriberIdV1 iImisiV1;
    CTelephony* iTelephony;
    TSubscriberIdV1Pkg iImisiV1Pkg;
};

```

Example Code

- [Example Code 1](#)
- [Example code 2](#)

See Also

- [Reading IMSI in 3rd edition -Synchronously](#)
- [IMSI on Wikipedia](#)
- [Online tool to analyze IMSI](#)
- [DevInfo - Get the IMEI, IMSI, CellId etc., synchronously on 3.x devices.](#)