

Release 3.2.0

- ♣ The deadline of tag collector was postponed. (May 23th).
- ♣ LArHECTBCnv moved to LArCnv.
- ♣ LArDigit was updated.
Don't use Identifier but LArSignalChannelID (one private member (int))

For TestBeam

- ♣ We use LArHECTBEvent (same class as before).
Move to LArTBEvent for ROOT I/O service
after TestBeam
- ♣ LArHECTBCnv will be updated to simplify for modification.
 - Code
 - Class Diagram
 - Documentation

`/afs/cern.ch/user/n/nkanaya/myCVSROOT`

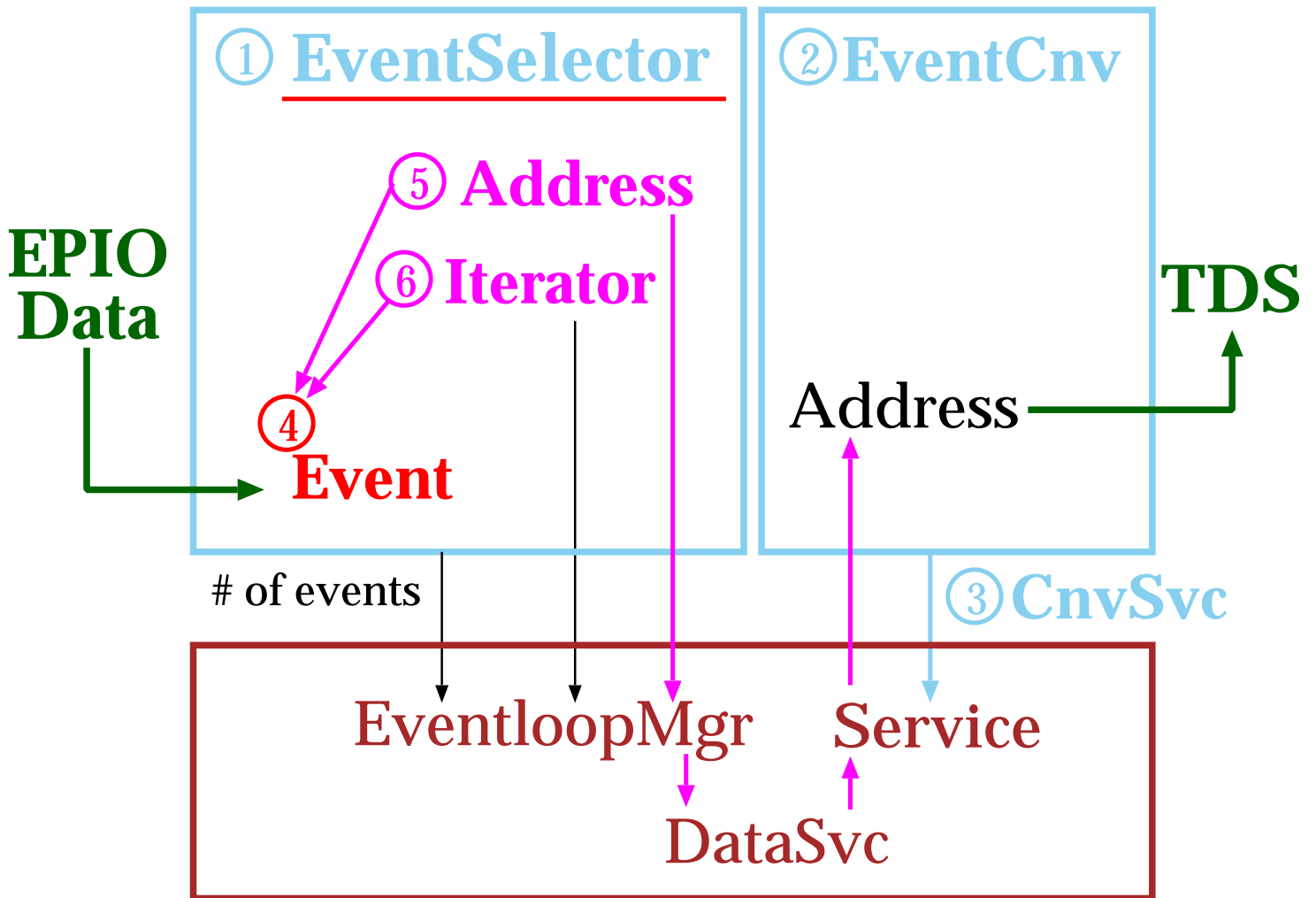
→ The first version will be ready in May.

Structure of converter

- ♣ ./hectb
→ **Handle EPIO data**
- ♣ ./src and ./LArHECTBCnv
→ **Convert EPIO data to TDS**

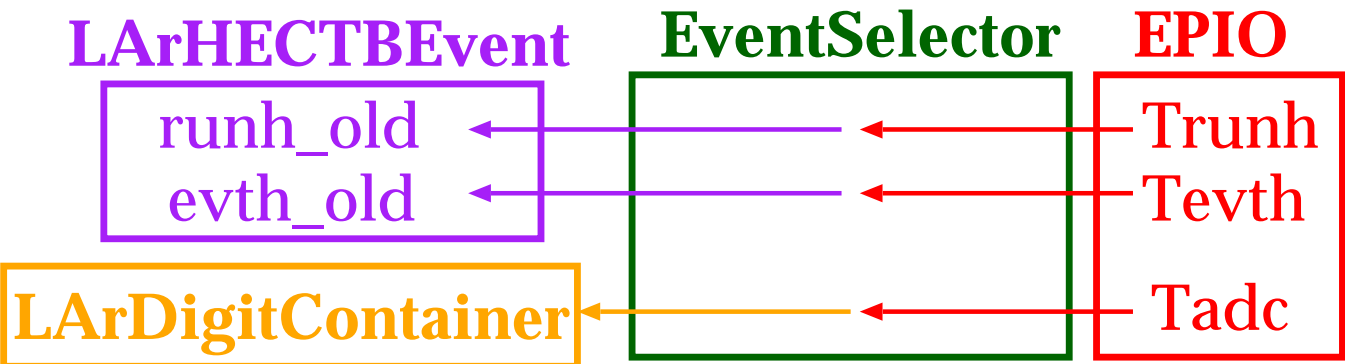
Six classes for converter

EventLoop

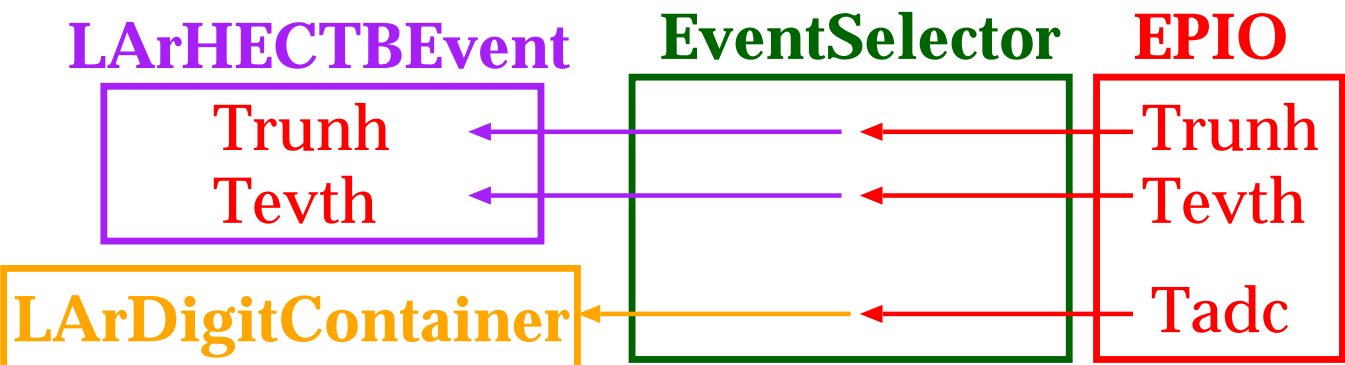


Structure of converter

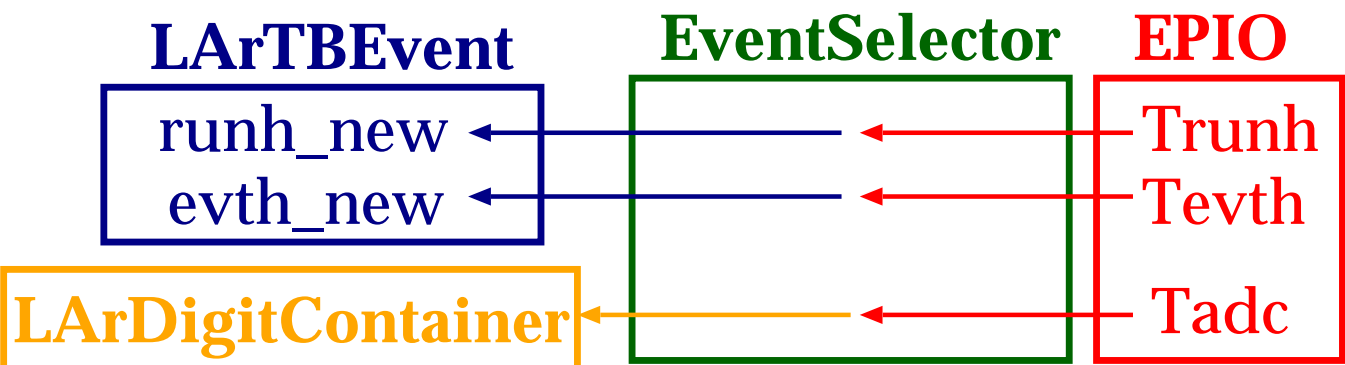
So far...



For TestBeam



For ROOT I/O (After TestBeam)



How to update

Basically, three files for one object (bank)

- Tobj.h
- Alg_obj.h
- Alg_obj.cxx

(1) Add new data

Trunh.h

```
class Trunh {
protected:
    int m_runno;
    newdata m_xxx;
    runh * get_runh() { return this }
public:
    int get_runno() { return m_runno }
    newdata get_xxx() { return m_xxx }
}
```

How to update

(2) Add new unpacking method

Alg_runh.h

```
class Alg_runh {
private:
    Tprocess_aug00 unpack_aug00;
    Tprocess_xxx unpack_xxx;
public:
    Tprocess * unpack;
    void select_method (int runno) ; ←
}

class Tprocess_xxx : public Tprocess , public Trunh {
public :
    void method ( short * p ) ;
}
```

Alg_runh.cxx

```
Tprocess_xxx::method ( short * p ) { ..... }

Alg_run::select_method (int runno) { ←
    if ( runno > 10000 )
        p -> & unpack_xxx ;
    else if ( .... )
}
}
```