Advanced European Infrastructures for Detectors at Accelerators

BIG Header

Descriptive Header
with a second line

The Author
CERN, 1211 Geneva 23, Switzerland

Abstract

Abstract text......

Document History		
Document version	**Date**	**Author**
1.0	**10/4/2014**	**The Author CERN/LHCb**

Contents

1 Introduction

The typical blabla, which comes always.

2 Documentation

To obtain this document as pdf, use pdflatex:

```
$> pdflatex AIDA2020-example.tex
```

The produced output file should be this pdf ....
This is an HTML reference, which is spit out when converted to pdf: ROOT project page.

For best usage and to have a sort of WYSIWYG editor I would recommend to use "Gummi" as an editor. Very good and simple. Comes with the Ubuntu software center.

An example to document code without line numbers:

```
float x = 0.0;
x = x + 10e0;
cout << x << endl;
```

and now with line numbers:

```
1    /// Some class
2    template <typename T> class Handle  {
3    public:
4        // Single and only data member: pointer to the underlying object
5        T* m_element;
6    public:
7        Handle() : m_element(0)              {                                    }
8        Handle(T* e) : m_element(e)          {                                    }
9        ....
10   };
```

References

[1] S. Ponce et al., "Detector Description Framework in LHCb", International Conference on Computing in High Energy and Nuclear Physics (CHEP 2003), La Jolla, CA, 2003, proceedings.