

## SoftwareProblemFoundWithVC9 < LHCb < TWiki

This page is meant to collect the problems found with the Microsoft Visual C++ 9 compiler and few comments about them. The aim is to understand the usefulness of the VC9 compiler compared with the other tools we have at our disposal (gcc, icc, Coverity, Eclipse...).

-- 2011-01-20

```
..\src\FFPlan\RichFFPlan.cpp(8) : fatal error C1083: Cannot open include file: 'fftw3.h': No such
```

Problem in the installation of the externals for VC9.

```
..\src\ANNSvc.cpp(215) : error C2326: 'std::vector<_Ty> ANNSvc::keys(const IANNSvc::major_key_typ
```

*under investigation*

```
..\src\TrackTrajFitter.cpp(94) : error C2784: 'StatusCode ITrajFitter::fit(LHCb::DifTraj<N> &,std
```

It seems that the template system of VC9 is not able to detect that  $N = 4$ , because the first argument inherits from `LHCb::DifTraj`. It may be a VC9-only problem.

The affected code is obsolete, so it may be that VC9 detected the problem because it went further than others to compile inside templates...

-- MarcoClemencic - 20-Jan-2011

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