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# Valgrind

Valgrind is a programming tool for memory debugging, memory leak detection, and profiling.

## Documentation

- [Using valgrind to detect and prevent application memory problems](#)

## Usage

Compile software for debugging with gdb, put in BuildFile:

```
<flags CXXFLAGS="-O0 -g3 -fno-inline">
```

Now recompile. This way valgrind will put numbers of line in his output. You can run valgrind using:

- `valgrind --leak-check=full cmsRun -p mycfg`
- `valgrind --tool=memcheck cmsRun -p mycfg`

-- LeszekGrzanka - 21 Aug 2008

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