# 1 dailyLog

std::bitset

```
for (int i=0; i<iterations;i++)
{
do something
}
```

```
dump here
```

**11-24-2019**  : floating points (cppcon Lavavej floating point), functional programming (Nokia), shifting vector (st: Talbot how to choose right container)

**11-25-2019**  :

**11-26-2019**  : uninitialized stack memory (Bialek), async (Niebler)

**11-27-2019**  : Curl for c++, orderless arguments using template, abi louis dionne cppcon, itanium abi

**11-28-2019**  : Translation Look-aside buffer (TLB), Global Descriptor Table (GDT), anatomy of a program in memory

**12-25-2019**  : tinymce, clion, gpl/lgpl/open-source/closed-source/copyright/copyleft/license/patent/trademark WYSWYG editors,derivative works, ada generics vs c++ templates, header only libraries c++, c++ template libraries(boost, eigen), type theory/type systems (ml,agda)

**12-26-2019**  : Haskell B. Curry, Alonzo Church, cpp compilers (godbolt.org, wandbox.org, quick-bench.com, cppinsights.io), devirtualization, undefined behavior vs implementation-defined-behavior, inline vs outline constructor, inline function multiple definitions are allowed, boost mpl, c++ brigand library, stable sort, c++ libraries(Hana, MPL, Meta, Brigand1)

```
cdr\_api assertion\_func
cg\_assert.cpp client\_assertion\_failed
assertio.cpp assertion\_failed
simulink.c  void mexFunction
sfc\_sf.cpp sf\_get\_data\_values\_from\_jit\_engine
abc

readelf -a a.o | c++filt  -t
aggregate initialization

1. sudo apt-get
```