

## Finding crashes

- Bob Clary - load\_crash URLs
- Fuzz testing
- Harvesting support data & input
- Triaging crash bugs
- Topcrash reports + Explosiveness reports
- WinQual reports

## Tools

Address sanitizer  
Valgrind  
Lithium, stack-blame

## Security bug?

0x0 - 0x0fff safe  
Out of stack space safe  
0x??? unsafe

## What Breakpad misses

Hangs  
Jank  
OOM crashes  
Out of stack space (Mac)  
Addon disables Breakpad