One Location to Rule Them All

mac4n6 Artifacts Location

Pasquale Stirparo SANS DFIR Summit – Prague 2014

\$whoami

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mac4n6

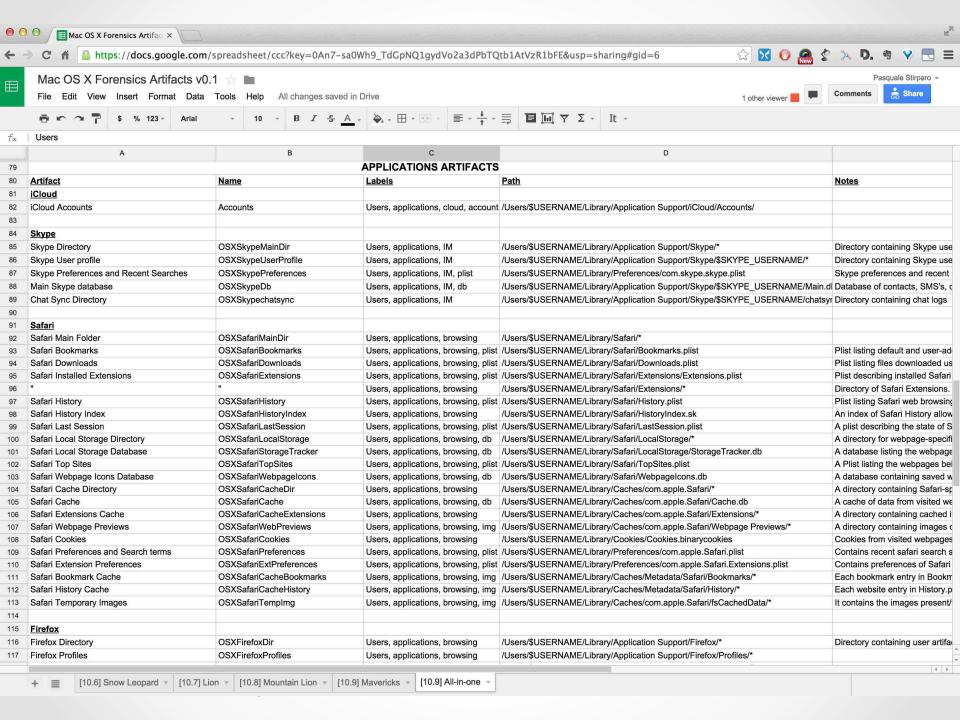
- Officially launched last year... at SANS DFIR Prague 2013:-)
- What: place for mac4n6 enthusiasts
- Why? Few reasons:
 - o I'm an Apple geek
 - Tons of information sources for Windows, much less for OS X
 - Fragmentation of the resources and information:
 - Hundreds of blogs where to look for
 - Many repositories of papers and presentations
 - Several books where to start looking for the location of interesting artifacts
- https://code.google.com/p/mac4n6/
- https://groups.google.com/d/forum/mac4n6

OMG, another DFIR mailinglist???



Artifacts Location: what is this all about?

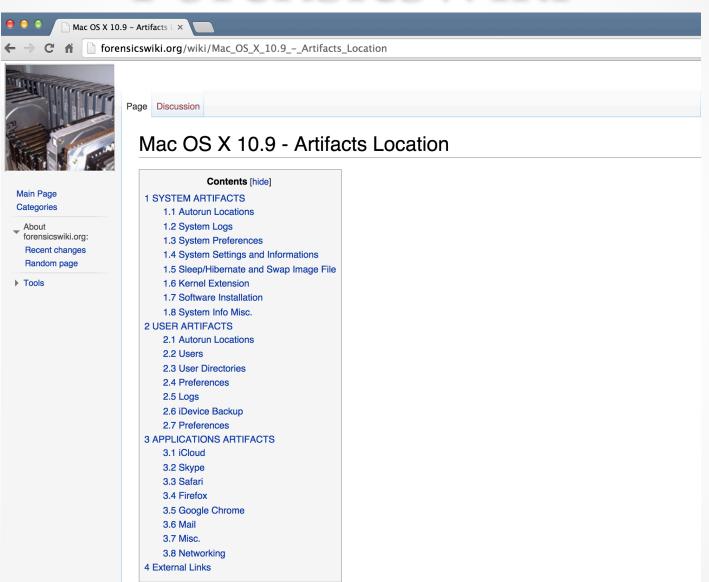
- Creating one single point of collection for OS X and iOS artifacts location
- Collect information for each artifact, not just a path!
- Main goal: reusable format
 - o "machine parsable" and "human readable/writable"
 - o reusable by any application, library, etc. (am I too optimistic?)
 - o the effort is centralized and made only once



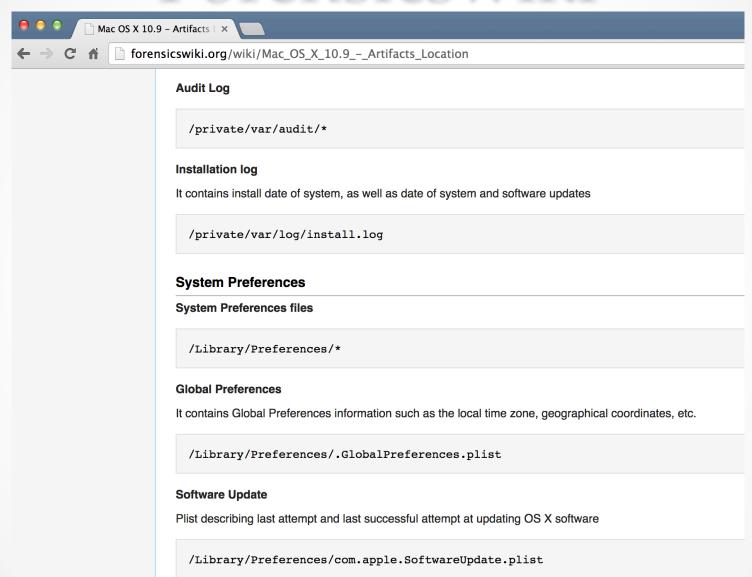
Artifacts Library

```
name: OSXLaunchDaemons
doc: Launch Daemons files
collectors:
- collector_type: FILE
    args:
    path_list:
        - /Library/LaunchDaemons/*
        - /System/Library/LaunchDaemons/*
labels: [System, plist]
supported_os: [Darwin]
---
```

Forensicswiki



Forensicswiki



Current sources

- GRR "Darwin" Artifacts
- Plaso
- OSXAuditor
- OSXCollector
- Pac4Mac
- Related blog posts and... some of my own juice
- Current numbers:
 - o 72 unique iOS artifacts
 - o 110 unique "verified" OS X 10.9 artifacts locations
 - Hundred more almost ready to be released, stay tuned!!!

I Want You



One Location to Rule Them All... thank you

