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REPLACING RECON.EXE

RECON.EXE IS DEAD.

WHAT IS RECON.EXE

- ▶ Tool used to enroll Windows machines
- ▶ The JSS used to offer more support for Window machines
 - ▶ Extension Attributes
 - ▶ Scripts, Powershell

WHAT HAPPENED TO IT?

Deprecations and Removals

The following functionality has been deprecated:

- **Recon.exe**—Starting with v9.100.0, Jamf is no longer distributing Recon.exe as part of the Casper Suite. Jamf will end support for Recon.exe at the end of 2017 and continue to offer technical support for existing Recon.exe customers until December 31, 2017. Note that this change is specific to *Recon.exe*. *Recon.app* features and functionality will stay intact.

WHY DO WE NEED A
REPLACEMENT?

A BIT ABOUT OUR INVENTORY SYSTEM AT THE MARRIOTT LIBRARY...

**WE USE JAMF TO MANAGE MAC'S
AND KEEP TRACK OF PC'S...**

TUGBOAT

- ▶ Designed for easy entry of inventory information (who, where and why)
- ▶ Written with Python and tkinter
- ▶ ~3100 lines of Python
- ▶ MacOS, Windows, Linux (probably)
- ▶ Used daily by many staff members
- ▶ Open-source

Tugboat v1.8.3d3



SCL JAMF Tools
Tugboat

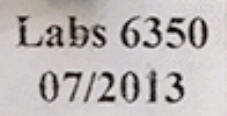
Discovery Method Search JSS ☐ Mobile Devices JSS ID


User Selection

User Information Supervisor/Shared

Computer Name Onboarding IP

Asset Tag  Bar Code (if present) 

Month / Year / Model 

Serial Number 

uNID Full name

Division Department

Email Phone

Building Room

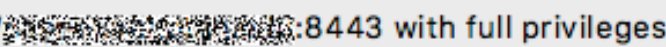
Assigned to Located in/near

Inventory Category Budget Source

Inventory Status Managed by JSS

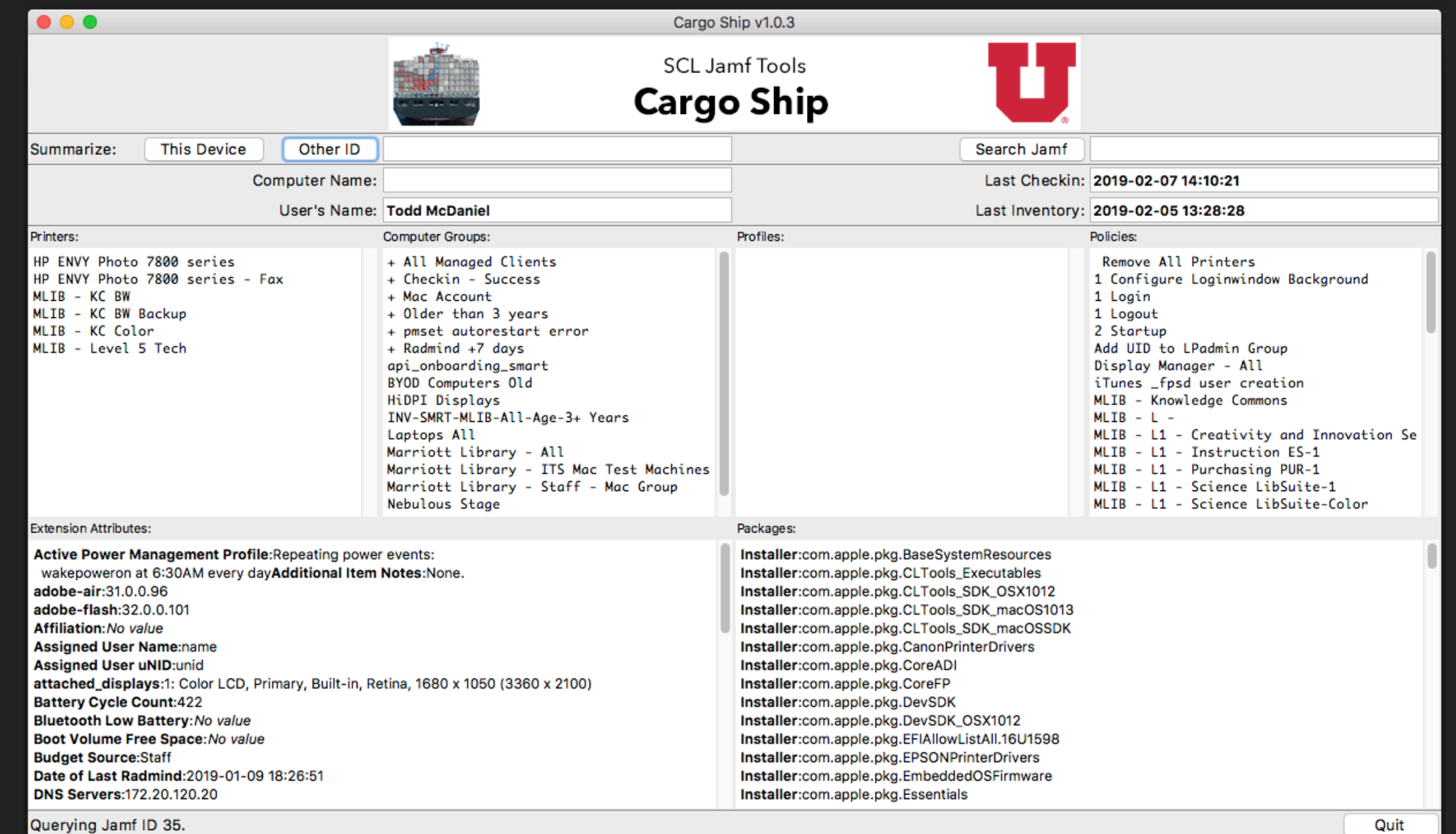
Peripheral

Advanced

Logged in to https://:8443 with full privileges.

CARGO SHIP

- ▶ Designed to easily see machine specific info, like printers, profiles, policies
- ▶ Code from Tugboat formed the basis of Cargo Ship
- ▶ Used less often, but was a very useful learning tool
- ▶ Also open-sourced



A LARGE PILE OF EXTENSION ATTRIBUTES, POLICIES, SMART GROUPS

- ▶ EA's (many open-sourced!)
 - ▶ Calculate age of machines
- ▶ Smart groups
 - ▶ Containing groups of machines based on age, department, etc...
- ▶ Policies
 - ▶ Printer installation based on location

IT ALL WORKED
GREAT...

UNTIL THEY **KILLED**
RECON.EXE.

WHAT DO WE DO
NOW?!?



ANNOUNCING

RECCE

RECCE? REALLY?





**RECCE WILL REPLACE
RECON.EXE**

RECCE IS A REPLACEMENT FOR RECON.EXE

- ▶ We decided to write it, JAMF gave us their stamp of approval
- ▶ Adds (or updates) machine to the JSS
- ▶ Populates Hardware and Software info:
 - ▶ OS version
 - ▶ RAM
 - ▶ CPU
 - ▶ Disks

WHAT DOESN'T IT DO?

WHAT DOESN'T IT DO? AT THE MOMENT, ANYWAY...

- ▶ Version 1.0 will not support:
 - ▶ Applications
 - ▶ Users
 - ▶ Fonts
- ▶ They slowed everything down anyway...

HOW CAN YOU HELP?

OPEN-SOURCE!

Soon...

LINUX BOXES?!?

SECURITY!

COMMENTS, QUESTIONS?

