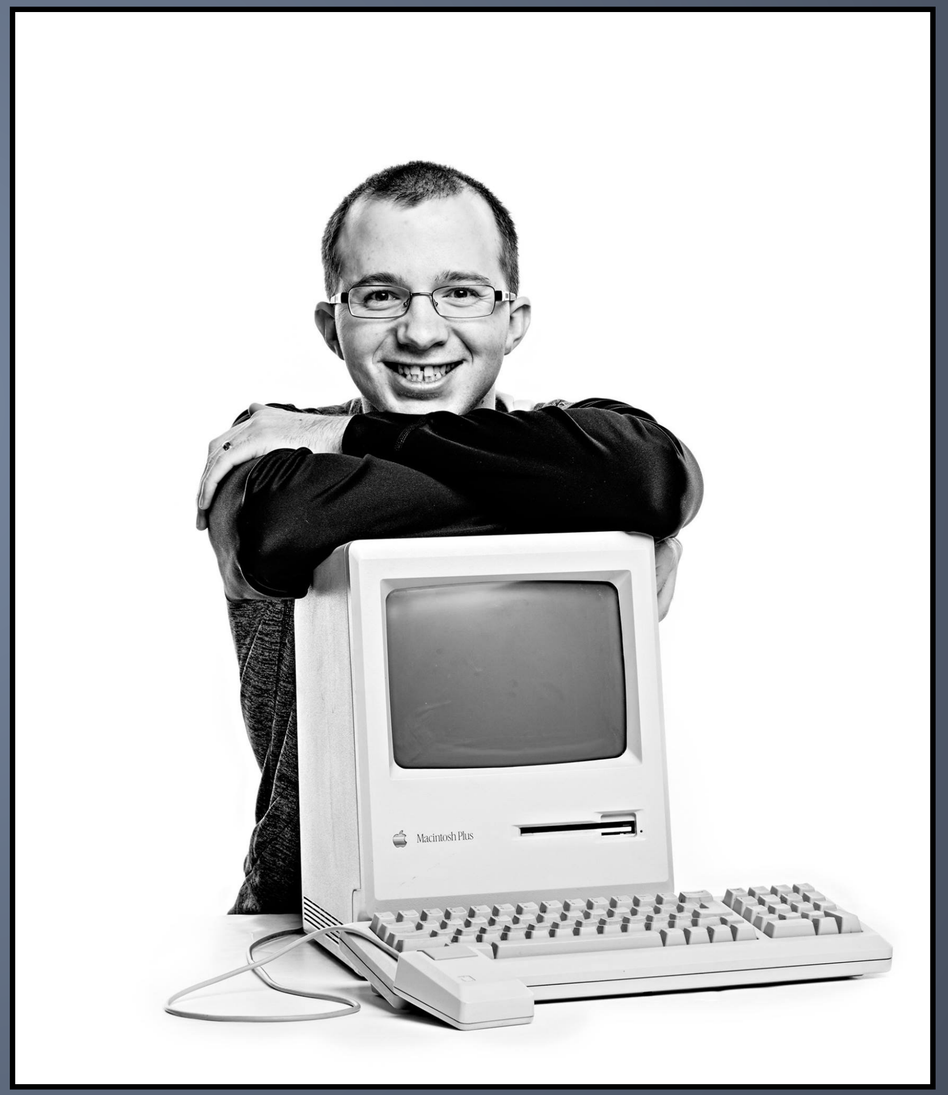
SIMPLIFYING USER INTERACTION

UeX

January 15, 2020

David Ramirez
Creator
UeX

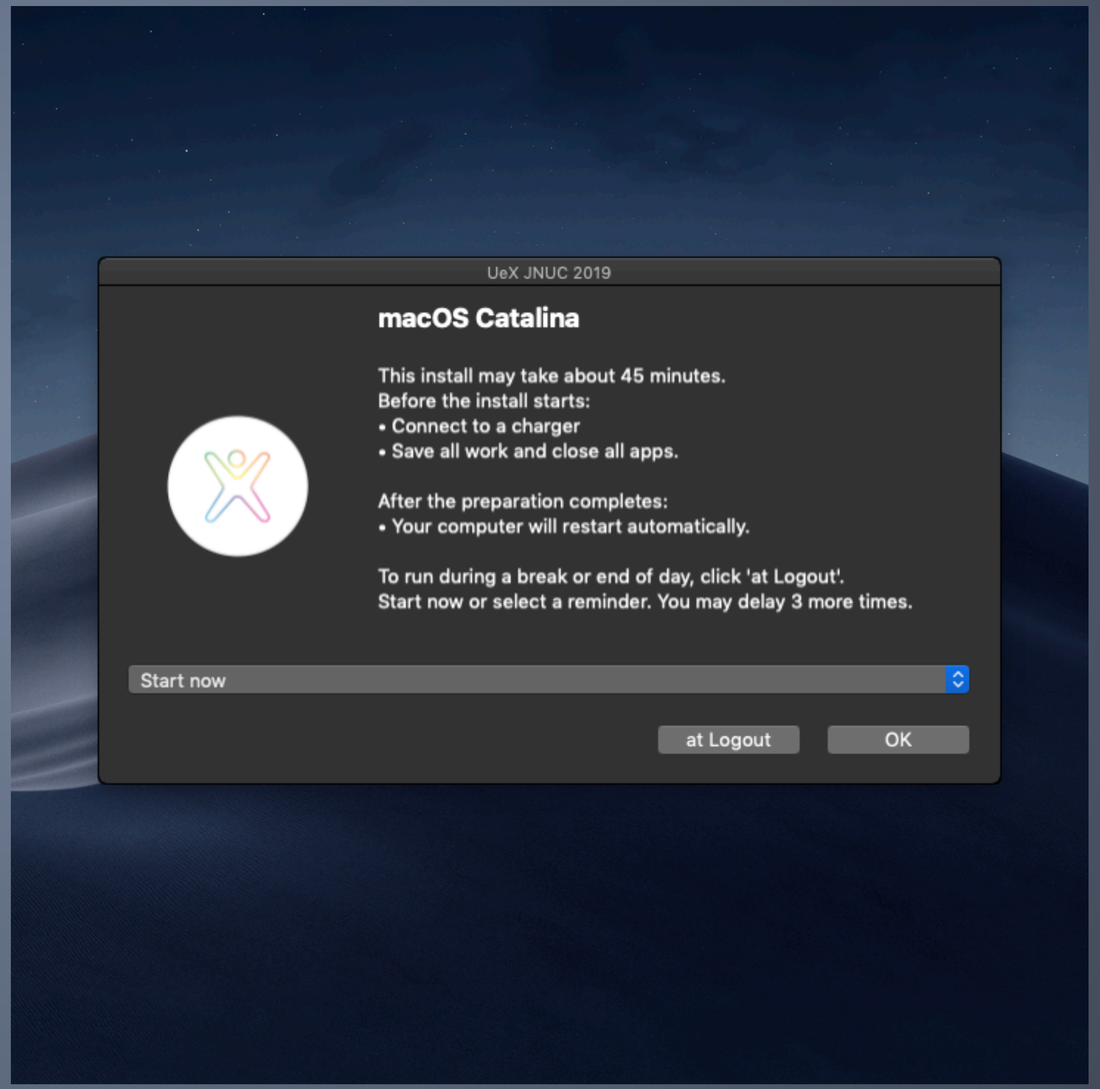


PRESENTATION AGENDA

- UEX Quick Overview
- Basic of UEX
- Setup Your Jamf Pro Server With UEX
- Updating Google Chrome
- macOS Updates and Upgrades
- Microsoft Office 365 Install and Updates

WHAT IS UEX?

Standardized UEX Toolkit to display dialog and support postponing running policies.



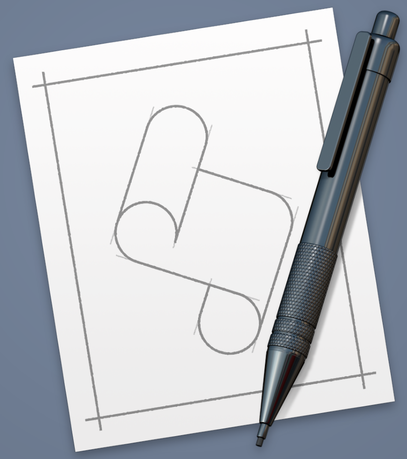
WHAT CAN IT DO?

The Primary function is to notify the user they must:

- Quit an app that's running
- Block apps that shouldn't run during a policy
- Logout after a policy completes
- Restart after a policy completes
- Apple Software Updates
- Microsoft Updates
- Simple Notifications
- Compliance Policies to force important things

BASIC STRUCTURE OF UEX

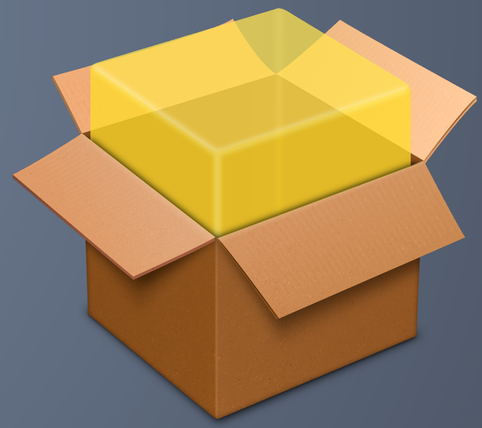
Main Policy



BASIC STRUCTURE OF UEX

Main Policy

Policy to cache PKG

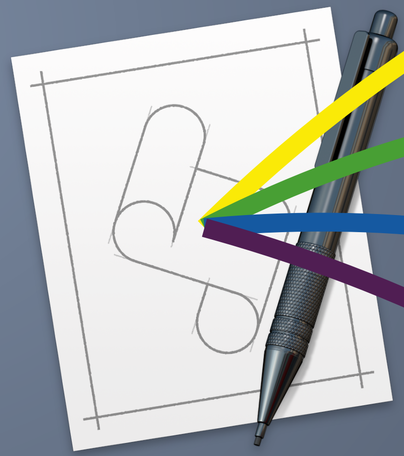


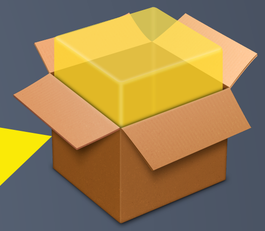
BASIC STRUCTURE OF UEX

Self Service

Deployment

Main Policy





WHAT CAN IT DO?

Built in delay support

- User chosen delay
- Inactivity delay
- Presentation delay for Keynote, PowerPoint, SfB, Teams, WebEx, Zoom

HOW THE DEFERRAL WORKS

- Extension attribute looks in the deferral folder and returns active if there are plists in there.
- Smart group collects all the active ones
- On every check-in, computers in the group run a policy to check if enough time has passed then trigger the UEX policy

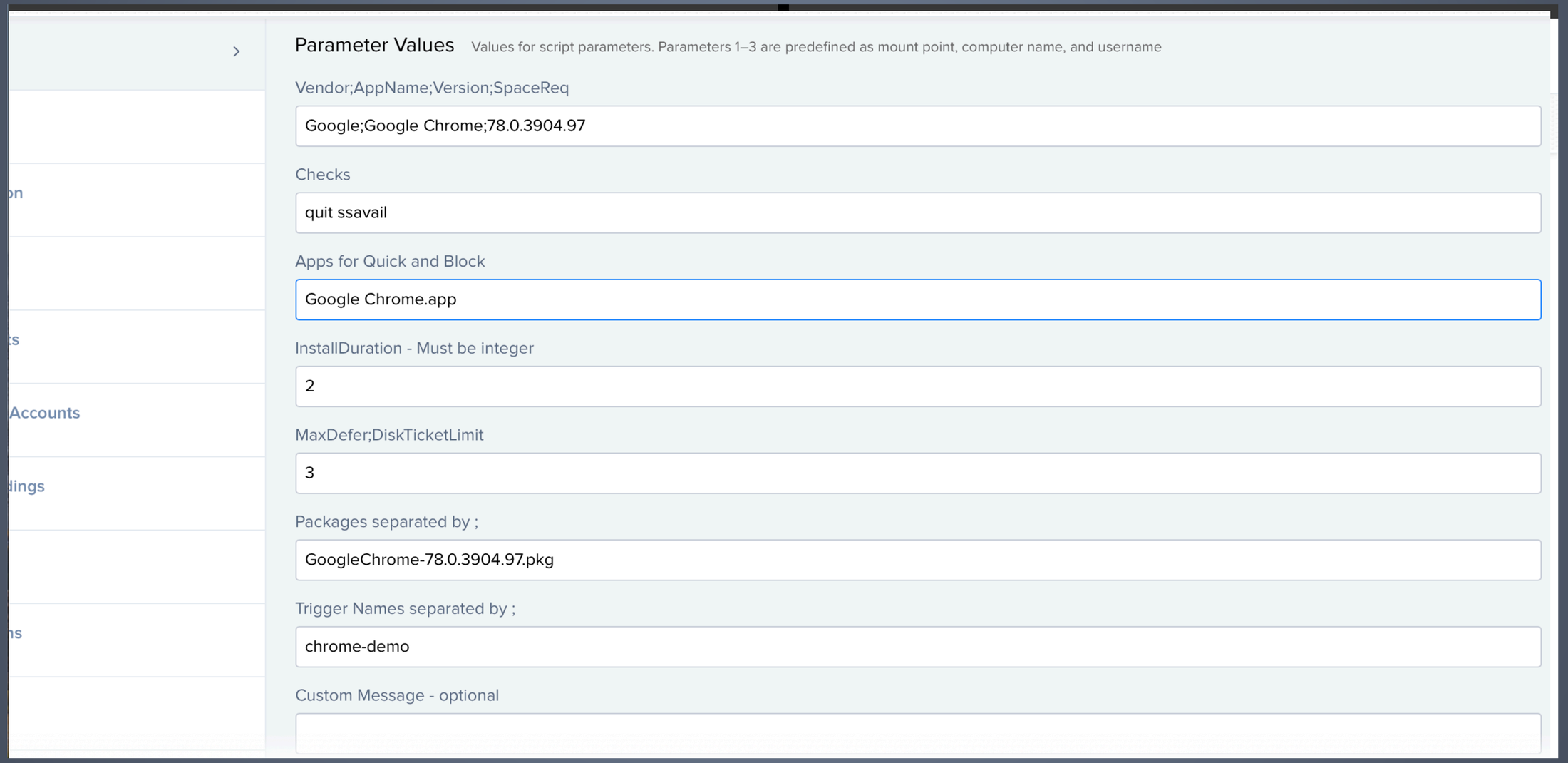
SETUP YOUR JAMF PRO SERVER WITH UEX

- http://jamf.it/uex or the Jamf MarketPlace
  - Download the latest release
  - Apply Branding and Settings
  - Build your UEX Resources Package
  - Upload all required pieces to your Jamf Pro server.
    - Scripts
    - Package
    - Extension Attribute
  - Run the API Config Tool

WALKTHROUGH

UPDATING GOOGLE CHROME

- Components
  - Google Chrome.pkg
  - Checks:
  - quit
  - optional checks - ssavail, compliance
  - GoogleChrome-78.0.3904.97.pkg


Parameter Values
Values for script parameters. Parameters 1–3 are predefined as mount point, computer name, and username
Vendor;AppName;Version;SpaceReq
Google;Google Chrome;78.0.3904.97
Checks
quit ssavail
Apps for Quick and Block
Google Chrome.app
InstallDuration - Must be integer
2
MaxDefer;DiskTicketLimit
3
Packages separated by ;
GoogleChrome-78.0.3904.97.pkg
Trigger Names separated by ;
chrome-demo
Custom Message - optional

MACOS UPDATES AND UPGRADES

- Components
  - https://github.com/kc9wwh/macOSUpgrade - or similar project
  - Checks:
  - macosupgrade saveallwork trigger power
  - optional checks - ssavail, compliance
  - Trigger: catalina-install-script

Parameter Values

Values for script parameters. Parameters 1–3 are predefined as mount point, computer name, and username

Vendor;AppName;Version;SpaceReq

Apple;macOS Catalina;10.15

Checks

macosupgrade trigger power saveallwork ssavail

Apps for Quick and Block

InstallDuration - Must be integer

45

MaxDefer;DiskTicketLimit

3

Packages separated by ;

Trigger Names separated by ;

catalina-uex-demo;catalina-install-script

Custom Message - optional

APPLE SOFTWARE UPDATES

- Components
  - Nothing
  - Checks:
  - suspackage
  - optional checks - ssavail, compliance

Parameter Values

Values for script parameters. Parameters 1–3 are predefined as mount point, computer name, and username

Vendor;AppName;Version;SpaceReq

Apple;Apple Software Updates;1.0

Checks

suspackage ssavail

Apps for Quick and Block

InstallDuration - Must be integer

10

MaxDefer;DiskTicketLimit

3

Packages separated by ;

Trigger Names separated by ;

asus-demo

Custom Message - optional

MICROSOFT OFFICE INSTALL/UPGRADE

- Components
  - Microsoft_Office_Business_Pro_Suite_16.30.0.pkg
  - Checks:
  - block merp
  - Microsoft Excel.app;Microsoft OneNote.app;Microsoft Outlook.app;Microsoft PowerPoint.app;Microsoft Teams.app;Microsoft Word.app;OneDrive.app
  - optional checks - ssavail, compliance

Parameter Values

Values for script parameters. Parameters 1–3 are predefined as mount point, computer name, and username

Vendor;AppName;Version;SpaceReq

Microsoft;Office 365;16.30

Checks

block merp

Apps for Quick and Block

Microsoft Excel.app;Microsoft OneNote.app;Microsoft Outlook.app;Microsoft PowerPoint.app;Microsoft Teams.app;Microsoft Word.app;OneDrive.app

InstallDuration - Must be integer

20

MaxDefer;DiskTicketLimit

3

Packages separated by ;

Microsoft_Office_Business_Pro_Suite_16.30.0.pkg

Trigger Names separated by ;

msoffice-demo

MICROSOFT UPDATES

- Components
  - Nothing
  - Checks:
  - msupdate + (sfb/word/outlook/powerpoint/excel/onenote)
  - optional checks - ssavail, compliance

Parameter Values

Values for script parameters. Parameters 1–3 are predefined as mount point, computer name, and username

Vendor;AppName;Version;SpaceReq

Microsoft;Microsoft Updates;1.0

Checks

msupdate sfb ssavail

Apps for Quick and Block

InstallDuration - Must be integer

10

MaxDefer;DiskTicketLimit

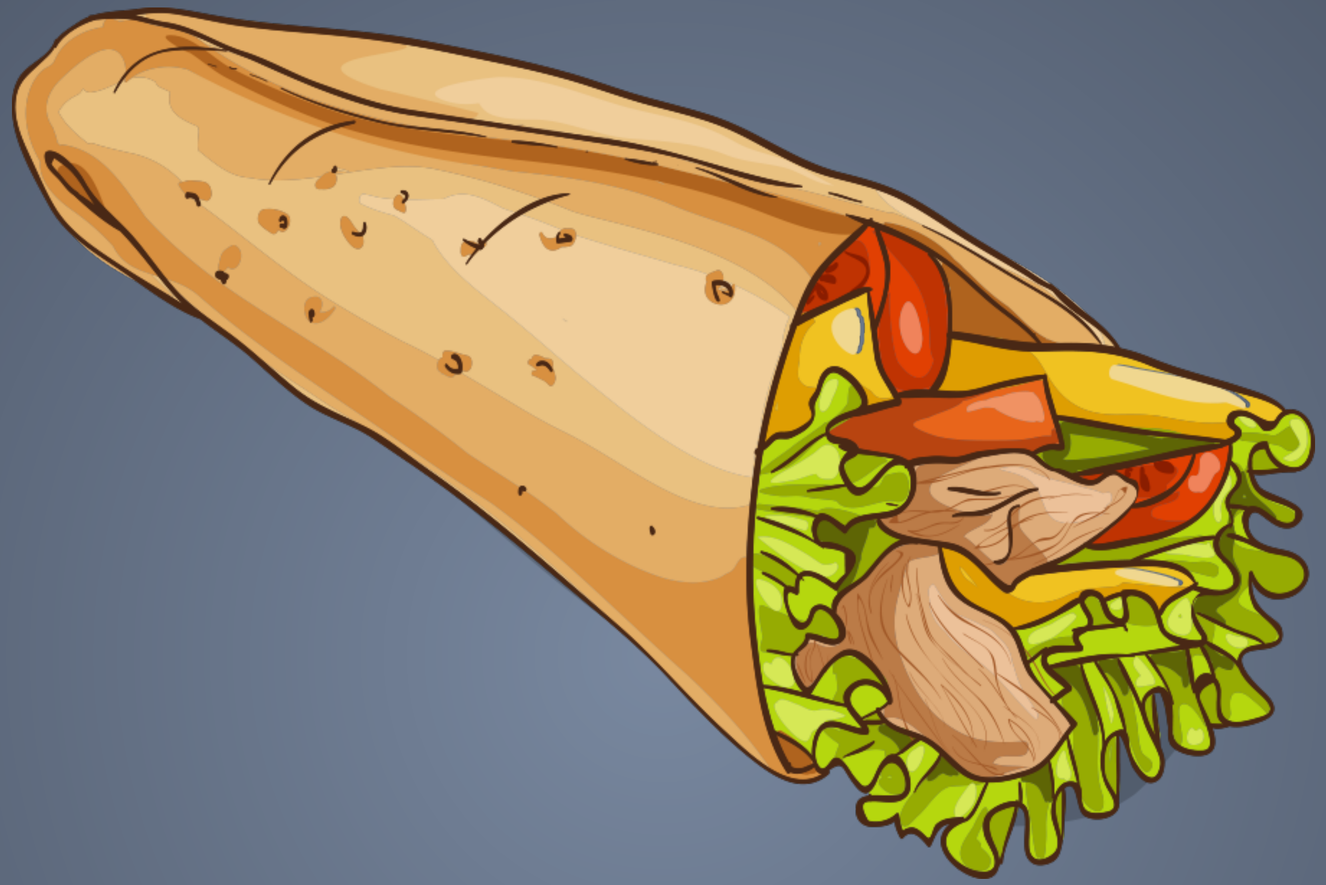
3

Packages separated by ;

Trigger Names separated by ;

sfbupdate-demo

Custom Message - optional



THE WORLD IS YOUR BURRITO!