Office for MacSysAdmin

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Licensing

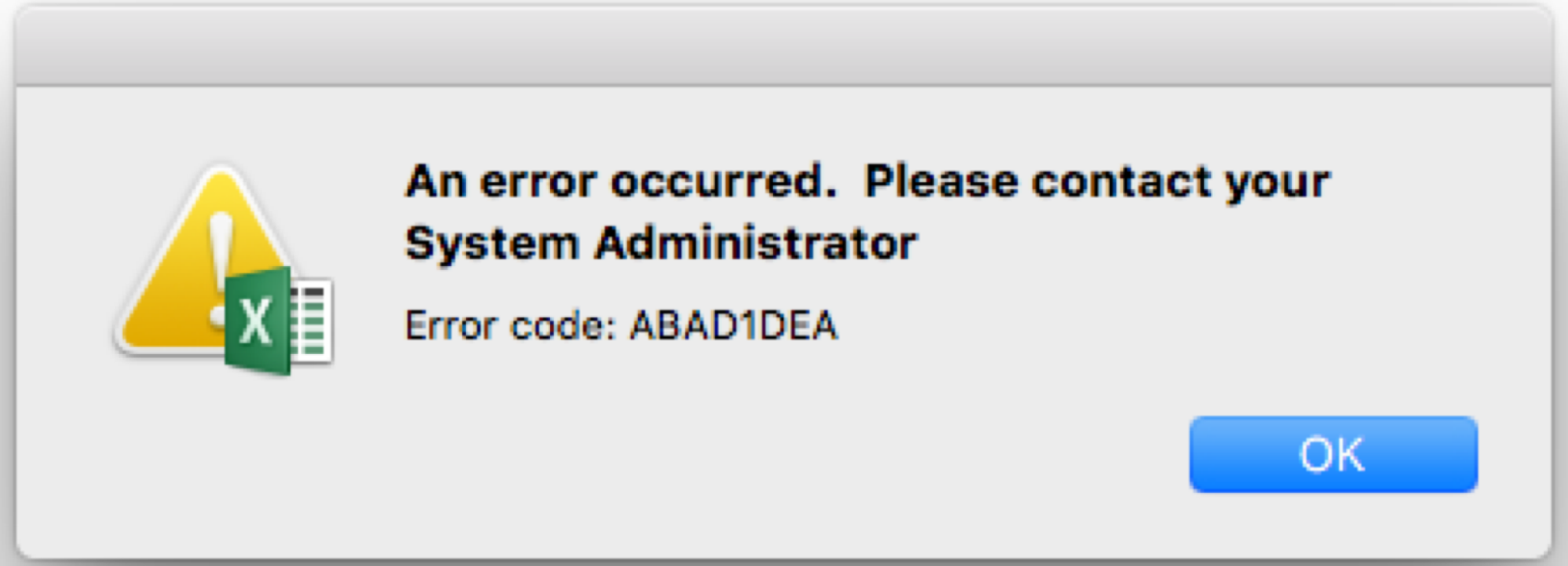
Updates

Application Settings

Office

MacBU

Office


An error occurred. Please contact your System Administrator
Error code: ABAD1DEA
OK

Office

Licensing

Office

Licensing

Subscription or Volume License

Office

Licensing

ProPlus or Volume License

Office

Licensing: Versions

ProPlus or

Volume License 2016

Volume License 2019

Office

Licensing: Versions

ProPlus or

Volume License 2016

up to 16.16.x

Volume License 2019

from 16.17.0

Office

Licensing: OS Versions

ProPlus or Volume License 2016
OS 10.10+
Volume License 2019
OS 10.12+

Office

Licensing: Version Support

ProPlus or

Volume License 2016

Support thru 10/2020

Volume License 2019

Support thru 202?

Office

Licensing: Version Support

ProPlus

N - 2

or

Volume License 2016

Support thru 10/2020

Volume License 2019

Support thru 202?

Office

Licensing: Versions

Thank you Ben Toms:

https://macmule.com/2018/09/24/microsoft-office-for-mac-changes-versioning-shenanigans/

Office

Licensing

ProPlus or Volume License

Office

Licensing

Office

Licensing: Tools

https://macadmins.software/tools/

- LicenseRemovalTool
- O365SharedActivator
- Unlicense

Office

Updates

Office

Office for Mac channels

Insider Fast

Twice a Week, Unsupported
Very Latest Features and Fixes

Office

Office for Mac channels

Insider Slow

Twice a month, Supported, Earlier Access

Office

Office for Mac channels

Production

Monthly, Supported, Most Stable

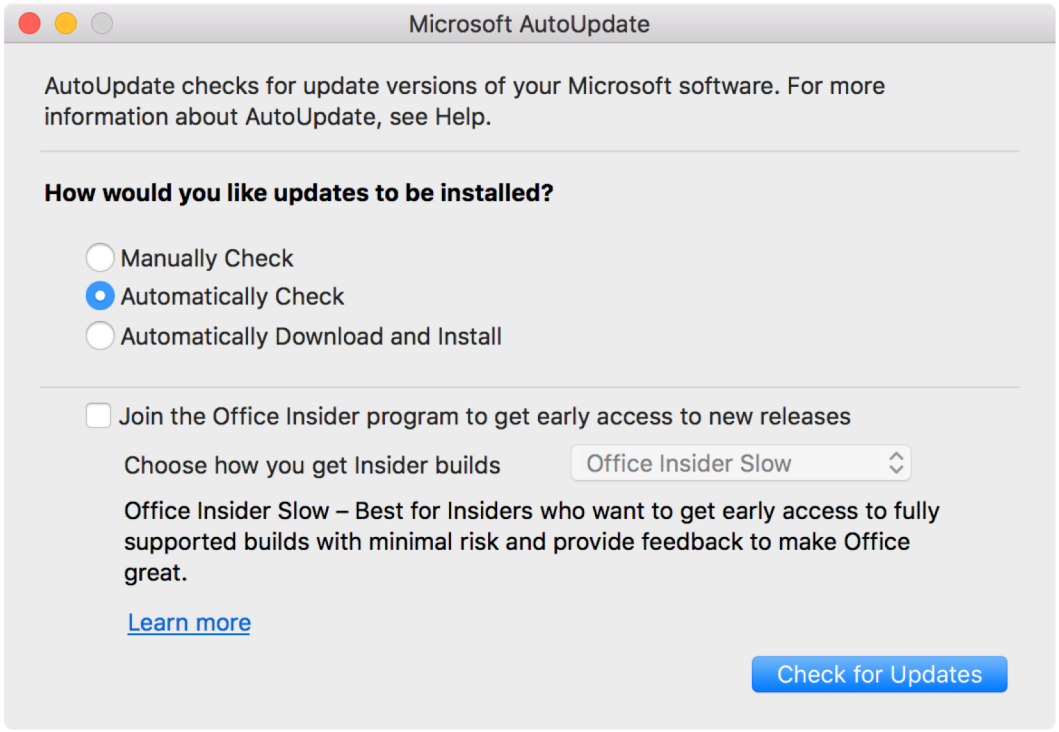
Office

Office for Mac channels

Channel	Updates /month	Release Target	Support	Purpose
Production	1	Fork + 16 days [Tuesday]	Fully Supported	Highest-quality features and fixes
Insider Slow	2	Fork + 8 days [Monday]	Fully Supported	High-quality early peek and validation
Insider Fast	8	Monday & Wednesday	No Support	Very latest features and fixes

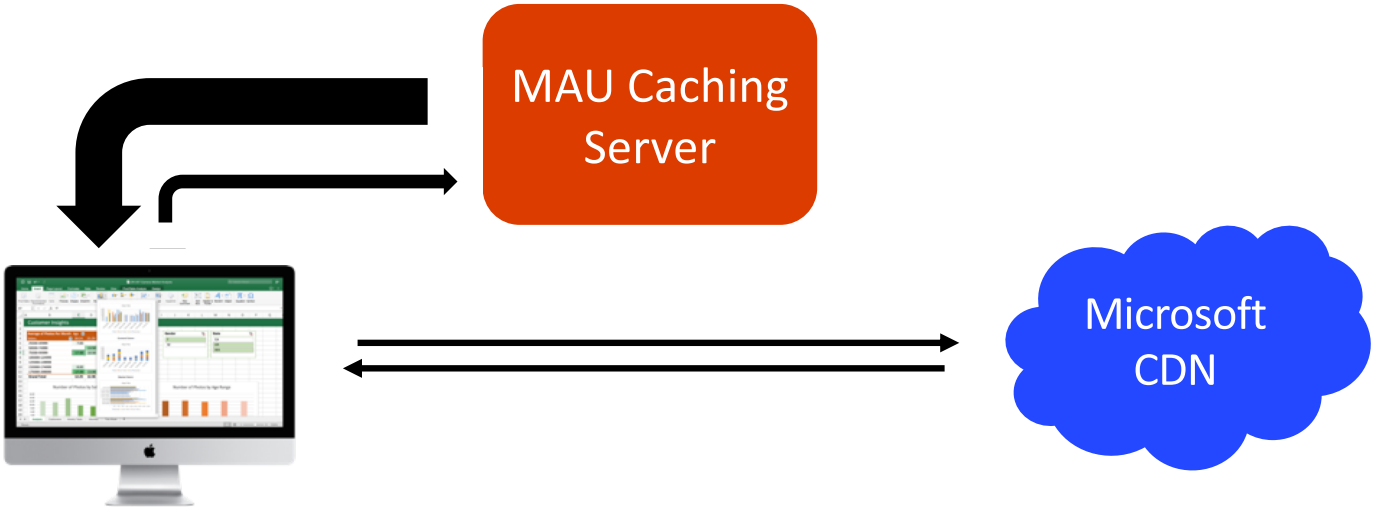
Office

Microsoft AutoUpdate (MAU)



Office

MAU caching server



Office

MAU caching server

CFPreferences domain:
com.microsoft.autoupdate2

<key> UpdateCache </key>
<string> https://cache-server-url/MAU/cache/ </string>

Office

MAU caching server

https://macadmins.software/tools/

MAUCacheAdmin

Office

MAU 4.0 ‘UltraThin’ Updates

Application	15.40 Full Update	15.39 -> 15.40 Delta Update	15.39 -> 15.40 Ultrathin Update
Word	1.11 GB	147.7 MB	12.5 MB
Excel	799.6 GB	154.6 MB	12.5 MB
PowerPoint	731 MB	133.4 MB	12.2 MB
Outlook	816.5 MB	154.7 MB	14.3 MB
OneNote	424.1 MB	109.7 MB	11.9 MB
TOTAL	**3907.8 MB**	**700.1 MB**	**63.4 MB**

Office

MAU 4.0 Command Line Tool

```
msupdate
```

Office

MAU 4.0 Command Line Tool

/Library/

Application Support/

Microsoft/

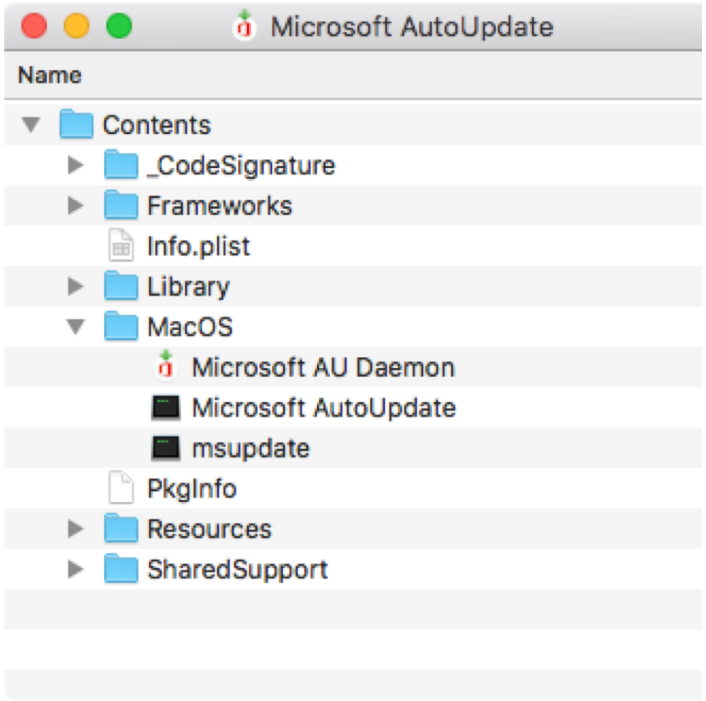
MAU2.0/

Microsoft AutoUpdate.app/

Contents/

MacOS/

msupdate



Office

MAU 4.0 Command Line Tool

./msupdate --config

Office

MAU 4.0 Command Line Tool

./msupdate --list

Office

MAU 4.0 Command Line Tool

./msupdate --install

Office

MAU 4.0 Command Line Tool

./msupdate --install

--apps MSWD15,XCEL15

Office

MAU 4.0 Command Line Tool

./msupdate --install

--apps OPIM15

--version 15.41.17120500

Office

MAU caching server

https://macadmins.software/tools/

msupdatehelper

Office

MAU 4.0 Command Line Tool

(proposed)

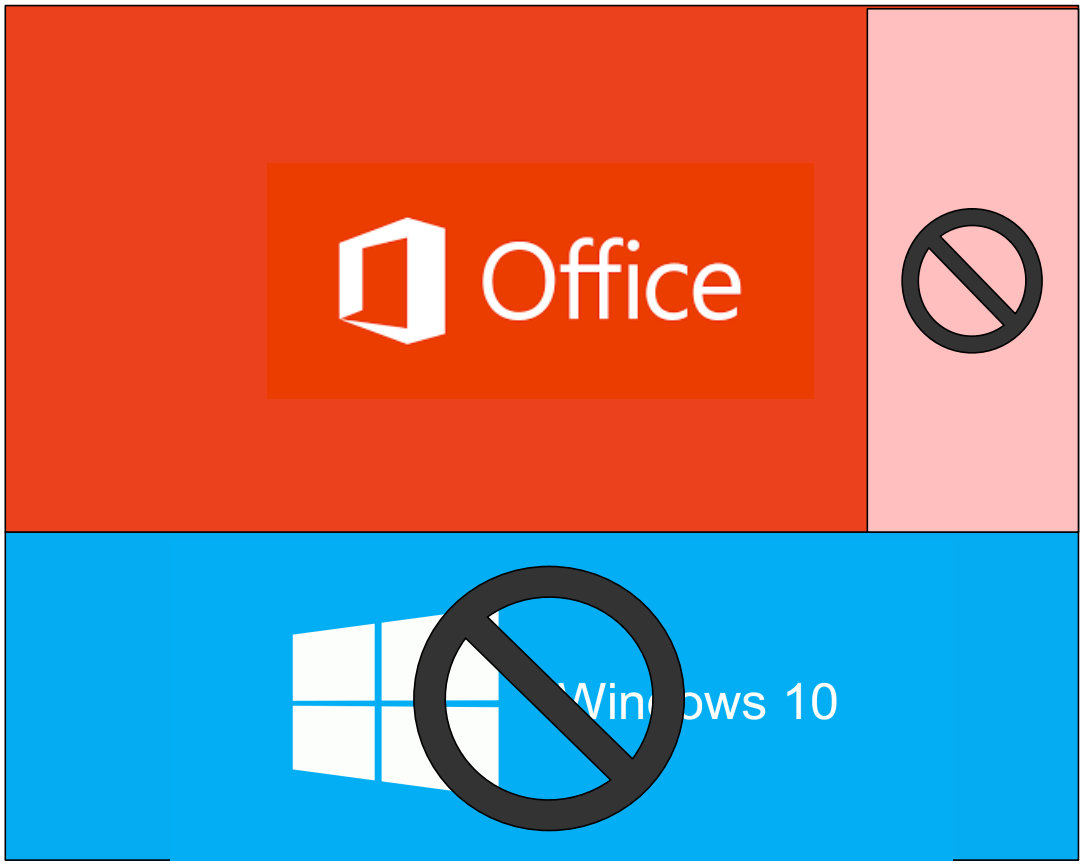
./msupdate --install --timelimit ??

Office

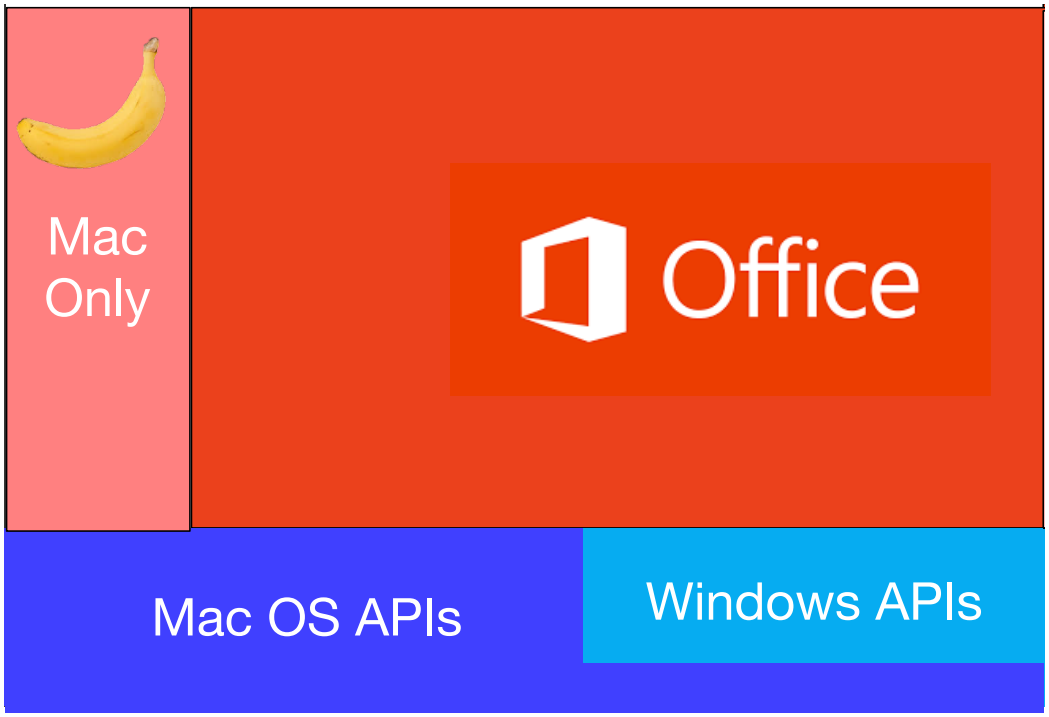
Application Settings

Office

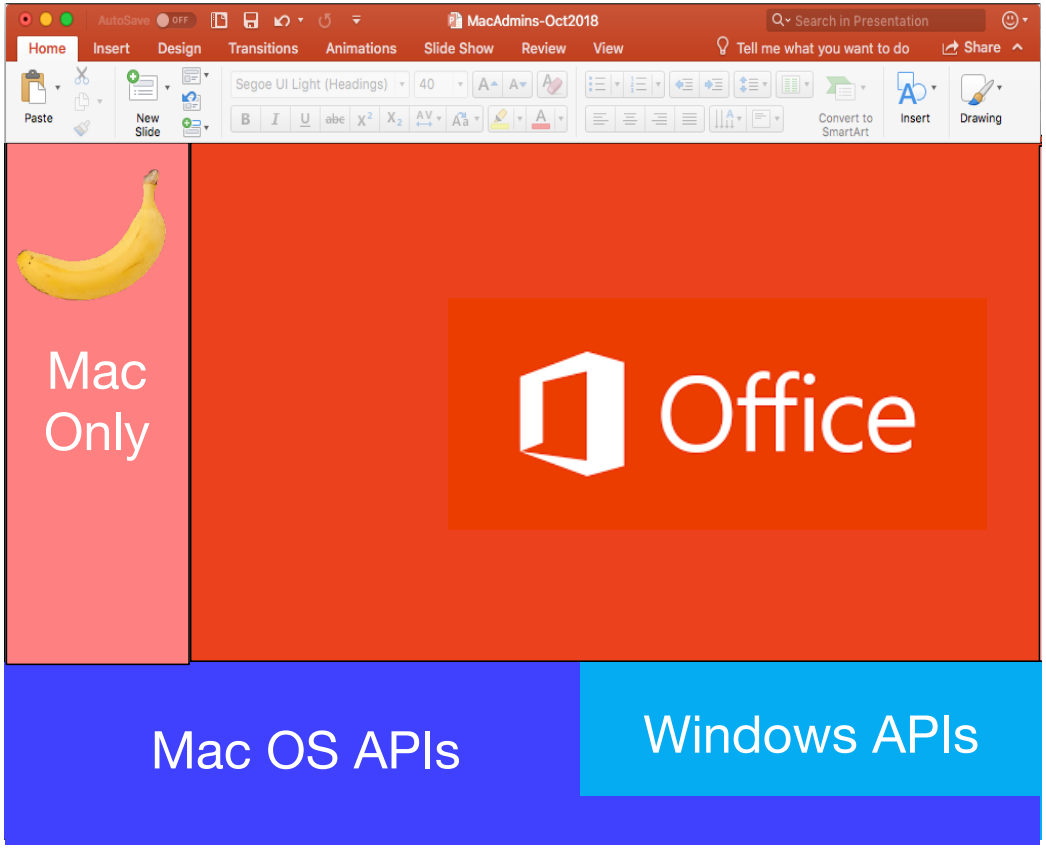
Office



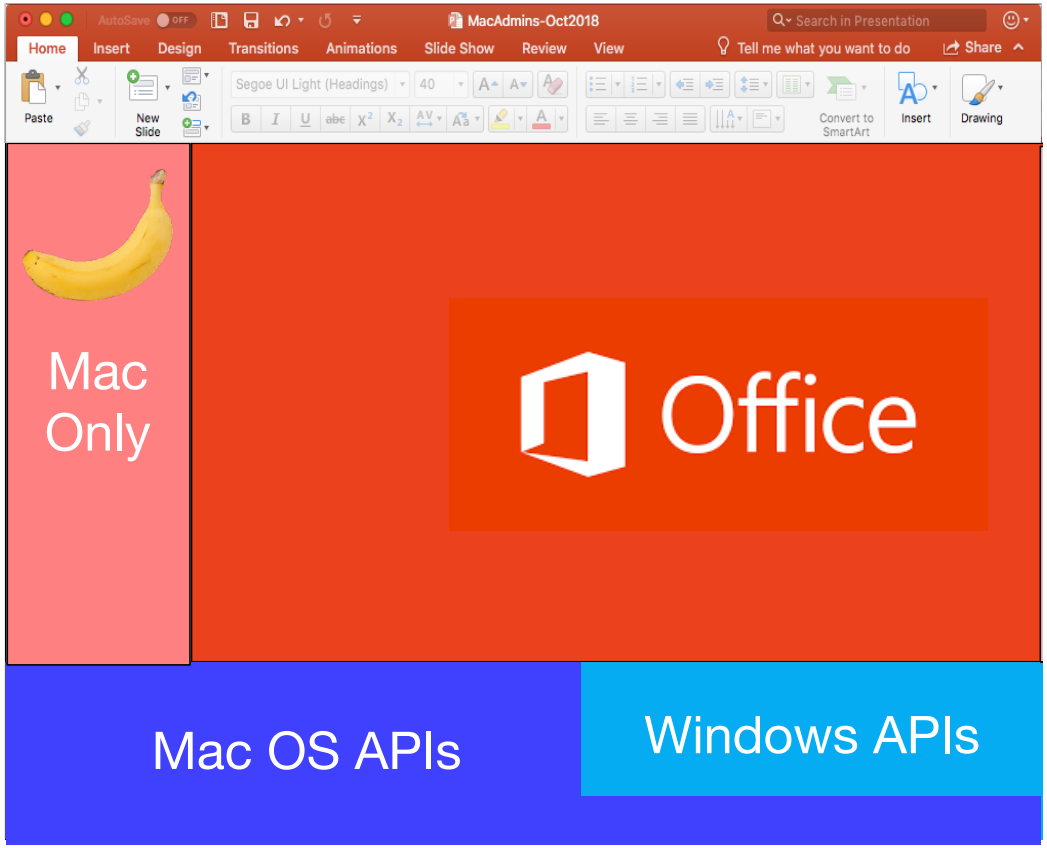
Office



Office


MacAdmins-Oct2018
Search in Presentation
Home
Insert
Design
Transitions
Animations
Slide Show
Review
View
Tell me what you want to do
Share
Paste
New Slide
Segoe UI Light (Headings)
40
Convert to SmartArt
Insert
Drawing
Mac Only
Office
Mac OS APIs
Windows APIs

Office



Office 365

Office

Office 2016 for Mac Preference Keys

File Edit View Insert Format Data Tools Add-ons Help

90% Comment only

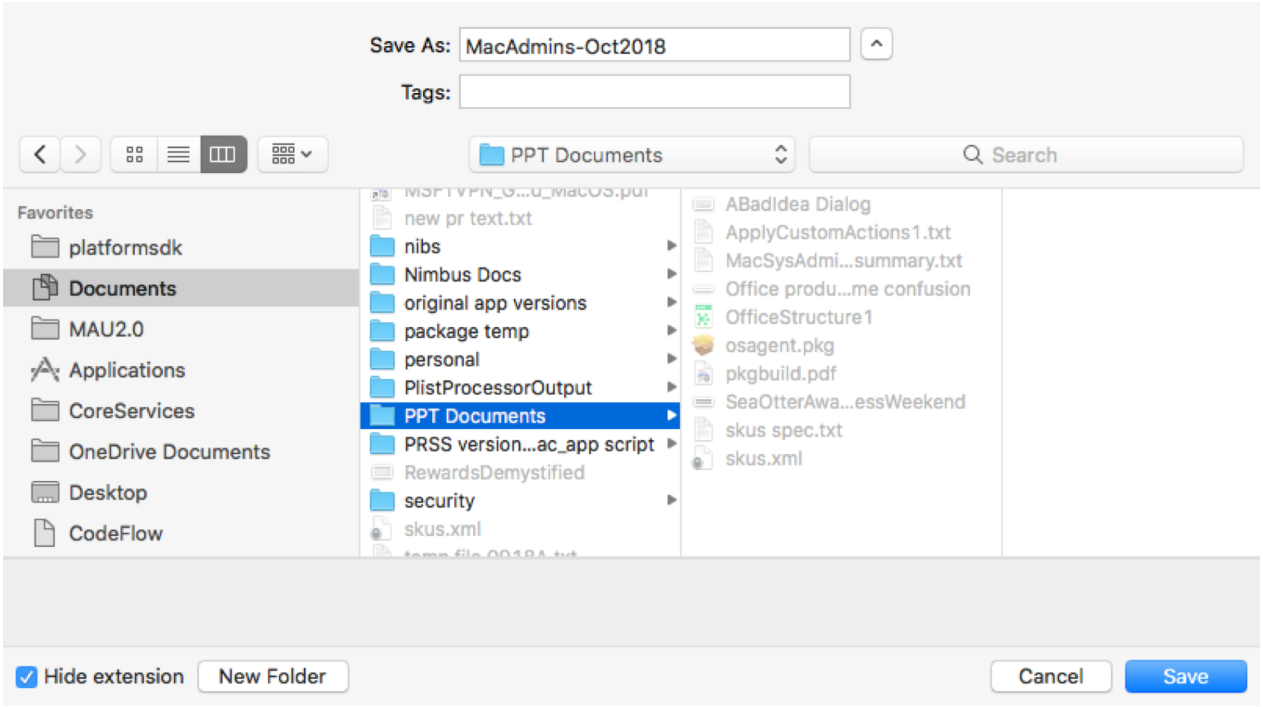
https://macadmins.software/docs/VBSecurityControls.pdf

	B	C	D	E	F	G	H	I
1	**Domain**	**Key**	**Type**	**Profile Manageable**	**Supported Software Version**	**Default Value**	**Comments**	**Example Command**
9	com.microsoft.office	ShowDocStageOnLaunch	Boolean	Yes	15.36.0	TRUE	Disables the gallery view on application launch.	defaults write com.microsoft.office ShowDocStageOnLaunch -bool FALSE
10	com.microsoft.office	ShowWhatsNewOnLaunch	Boolean	Yes	15.34.0	TRUE	Additonal key to 'OUIWhatsNewShownItemIds' that services as a single place to remove all future "What's new" messages for all suite apps: Word, PowerPoint, Excel, Outlook, and OneNote.	defaults write com.microsoft.office ShowWhatsNewOnLaunch -bool FALSE
11	com.microsoft.office	VisualBasicMacroExecutionState	String	Yes	15.33.0	DisabledWithWarnings	Sets the VisualBasic Macro security level. Valid values: DisabledWithoutWarnings, DisabledWithWarnings, EnabledWithoutWarnings	defaults write com.microsoft.office VisualBasicMacroExecutionState -string DisabledWithoutWarnings
12	com.microsoft.office	msoridEnableLogging	Integer	Yes	15.33.0	0	Set to 1 to increase logging levels for authentication requests	defaults write com.microsoft.office msoridEnableLogging -int 1
13	com.microsoft.office	msoridDefaultMinimumSeverity	Integer	Yes	15.33.0	null	Set value to 200 if msoridEnableLogging is enabled	defaults write com.microsoft.office msoridDefaultMinimumSeverity -int 200
14	com.microsoft.office	ShowDocStageOnLaunch	Boolean	Yes	15.36	TRUE	Show or Hide the Document selecter when you launch one of the MS Applications	defaults write com.microsoft.office ShowDocStageOnLaunch -bool FALSE
							The DisableVisualBasicExternalDylibs setting determines if macros are allowed to use a DECLARE statement to bind a Visual Basic symbol name to an external	

Office

Application Settings

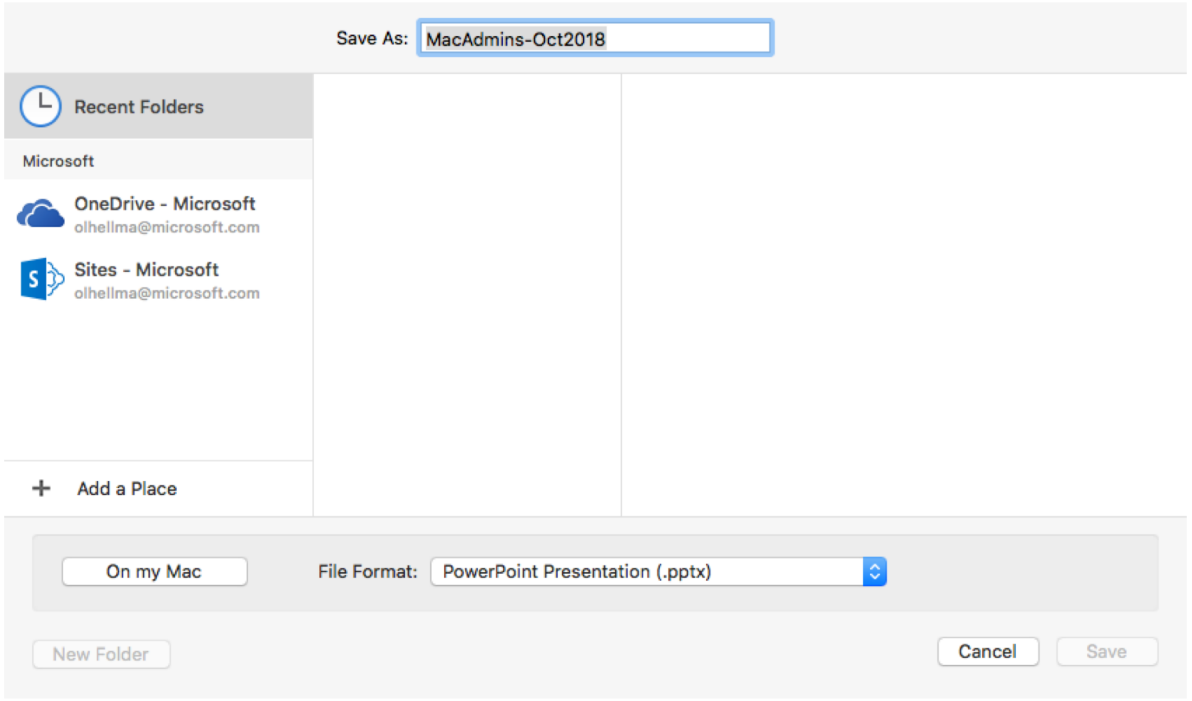
DefaultsToLocalOpenSave



Office

Application Settings

DefaultsToLocalOpenSave



Office

Application Settings

DefaultsToLocalOpenSave

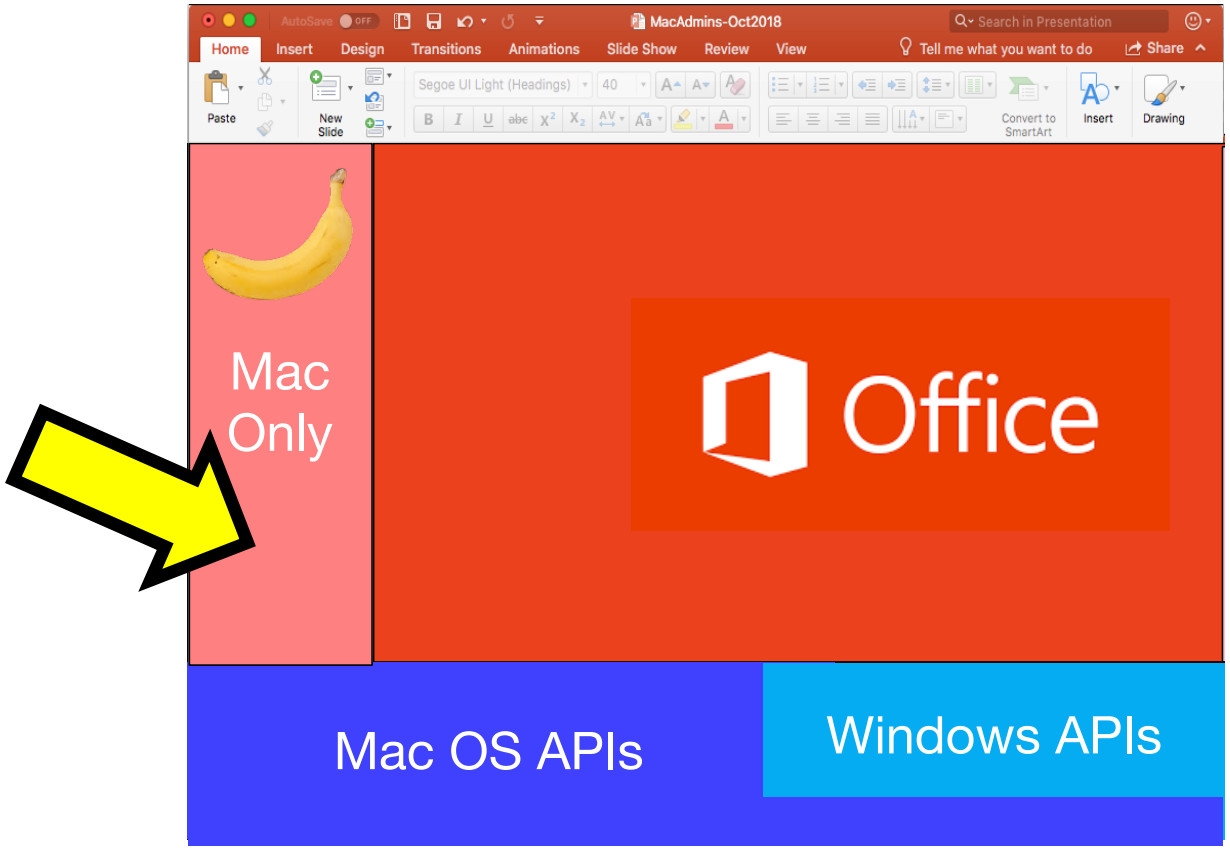
In the Office Code:

```
CFPreferencesCopyAppValue(@"DefaultsToLocalOpenSave", @"com.microsoft.office"))
```

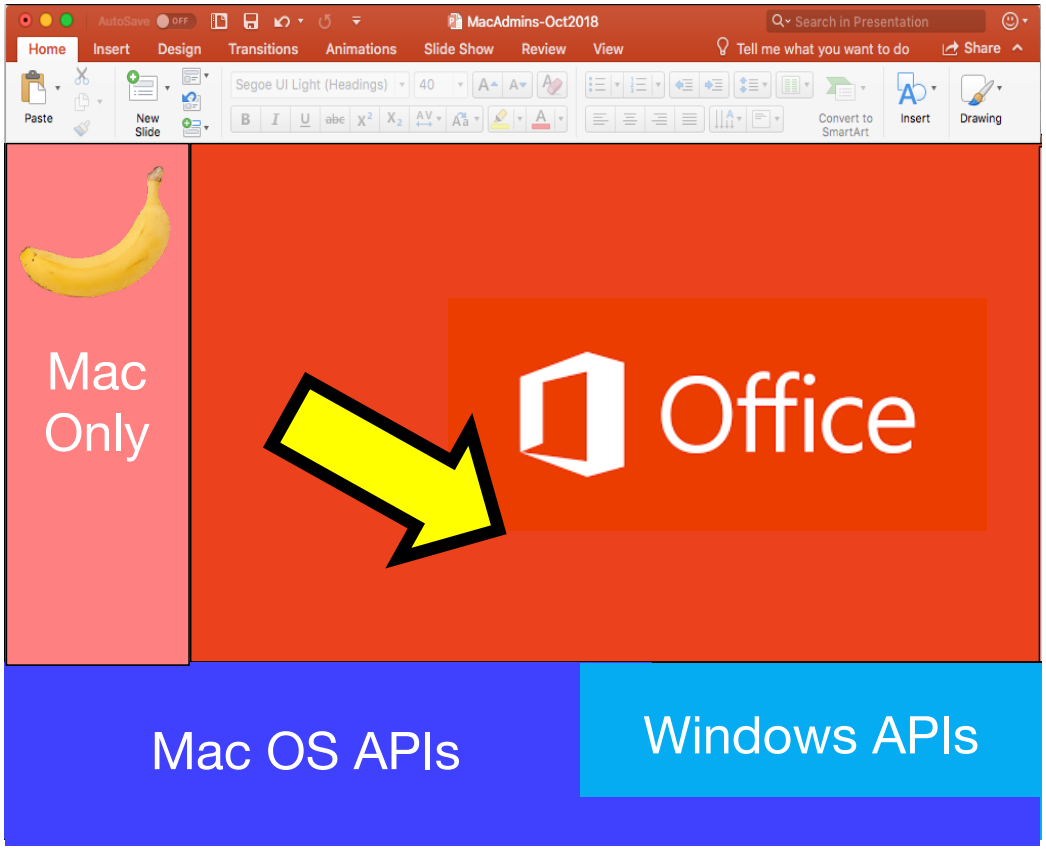
From Terminal:

```
defaults write com.microsoft.office DefaultsToLocalOpenSave -bool TRUE
```

Office


MacAdmins-Oct2018
Search in Presentation
Home
Insert
Design
Transitions
Animations
Slide Show
Review
View
Tell me what you want to do
Share
Paste
New Slide
Segoe UI Light (Headings)
40
Convert to SmartArt
Insert
Drawing
Mac Only
Office
Mac OS APIs
Windows APIs

Office


MacAdmins-Oct2018
Search in Presentation
Home
Insert
Design
Transitions
Animations
Slide Show
Review
View
Tell me what you want to do
Share
Paste
New Slide
Convert to SmartArt
Insert
Drawing
Mac Only
Office
Mac OS APIs
Windows APIs

Office

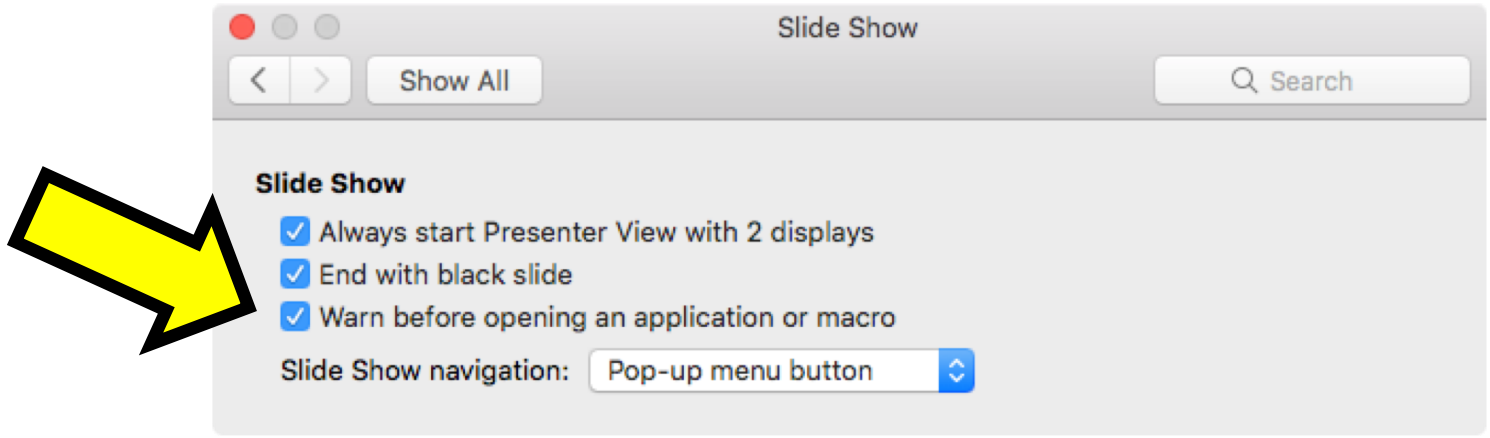
Application Settings

ADMX / ADML

Office

Application Settings

WarnBeforeOpeningAnApplicationOrMacro



Office

Application Settings

In the Office Code:

```
WCHAR wzKey[] = "Software\\Microsoft\\Office\\16.0\\PowerPoint\\Options\\Show SlideShow Alerts"
RegGetValueW(HKEY_LOCAL_MACHINE, wzKey, REG_DWORD, nullptr, &dwValue, &dwSize)
```

From Terminal:

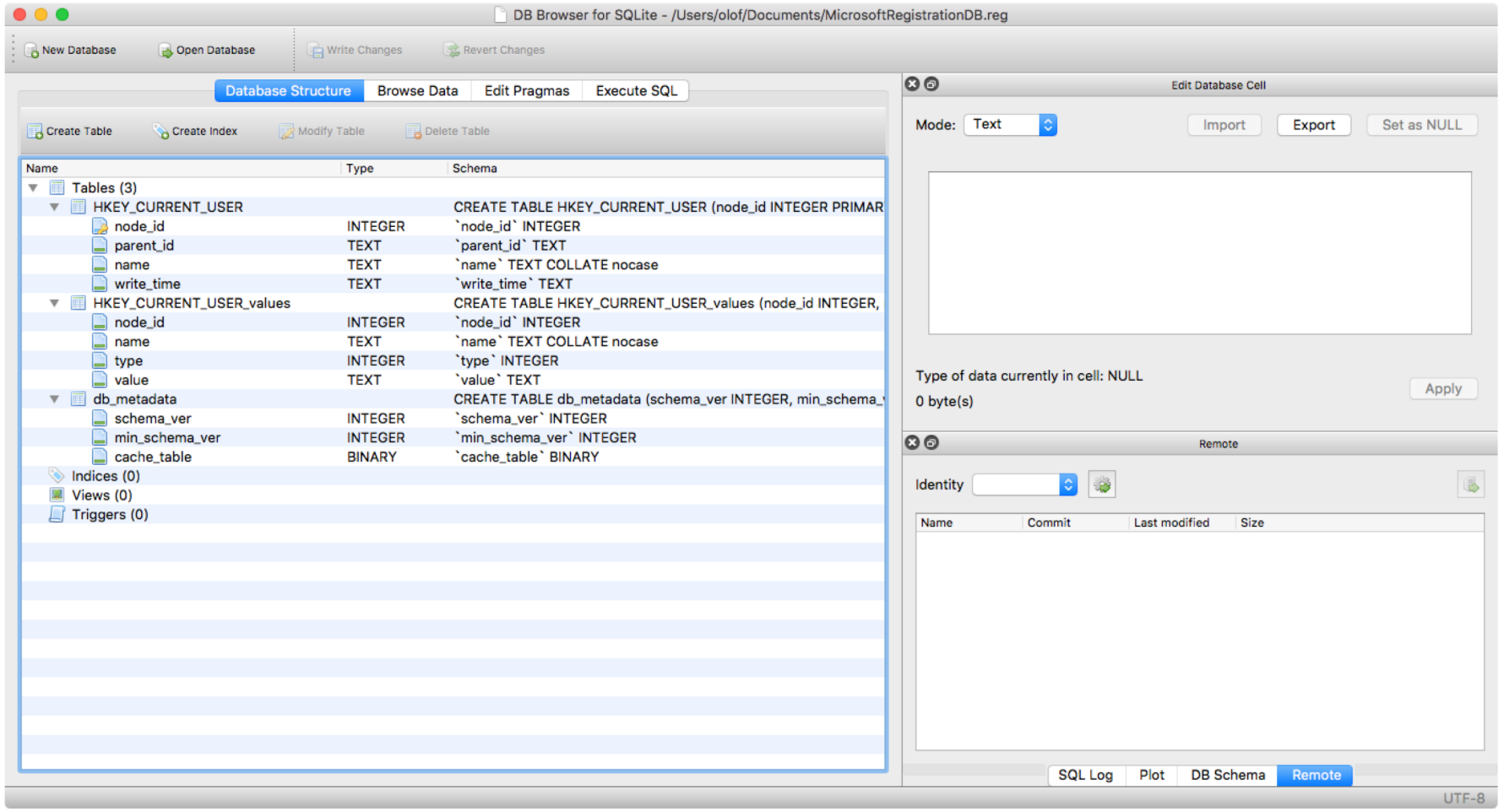
```
?????????
```

Office

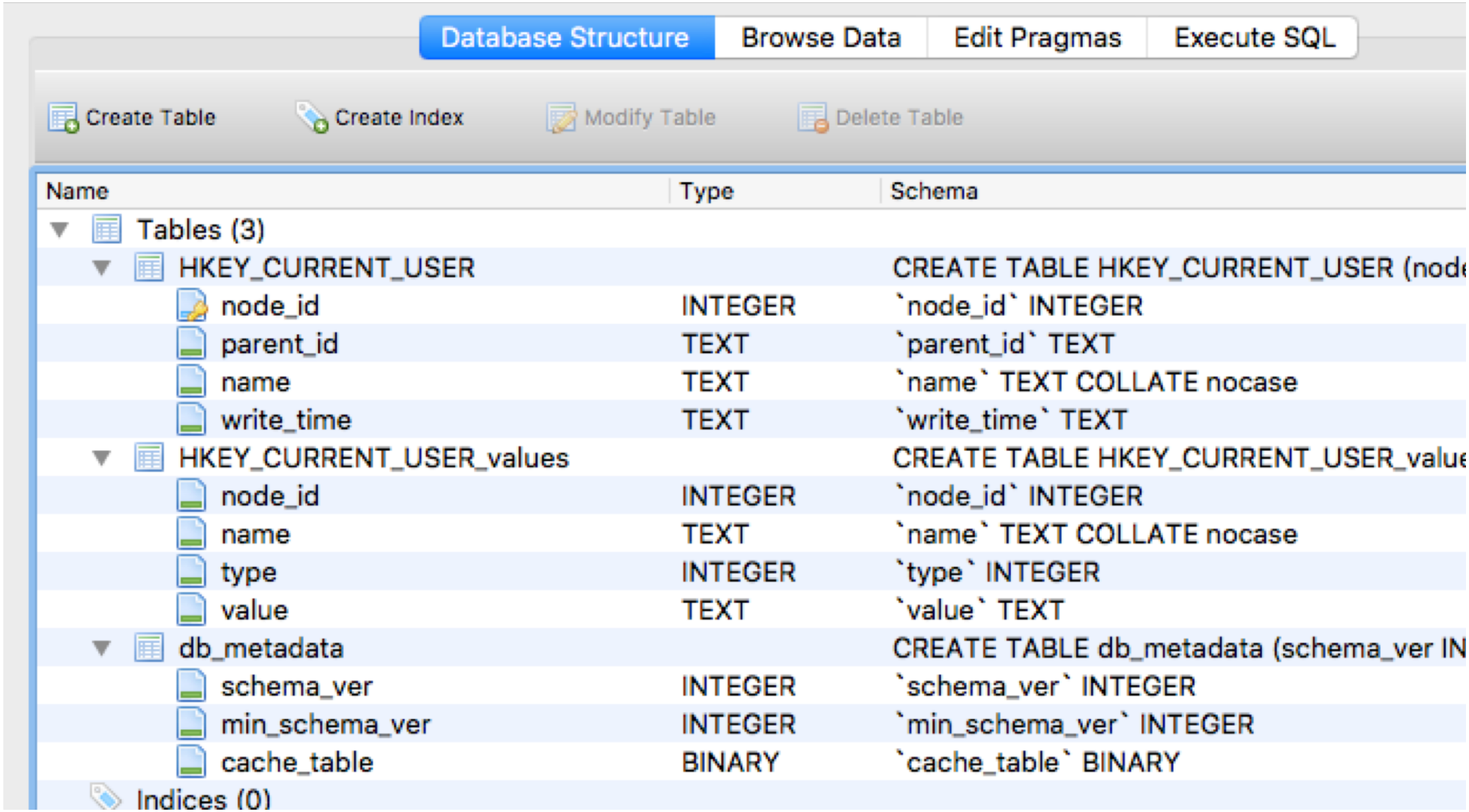
Application Settings

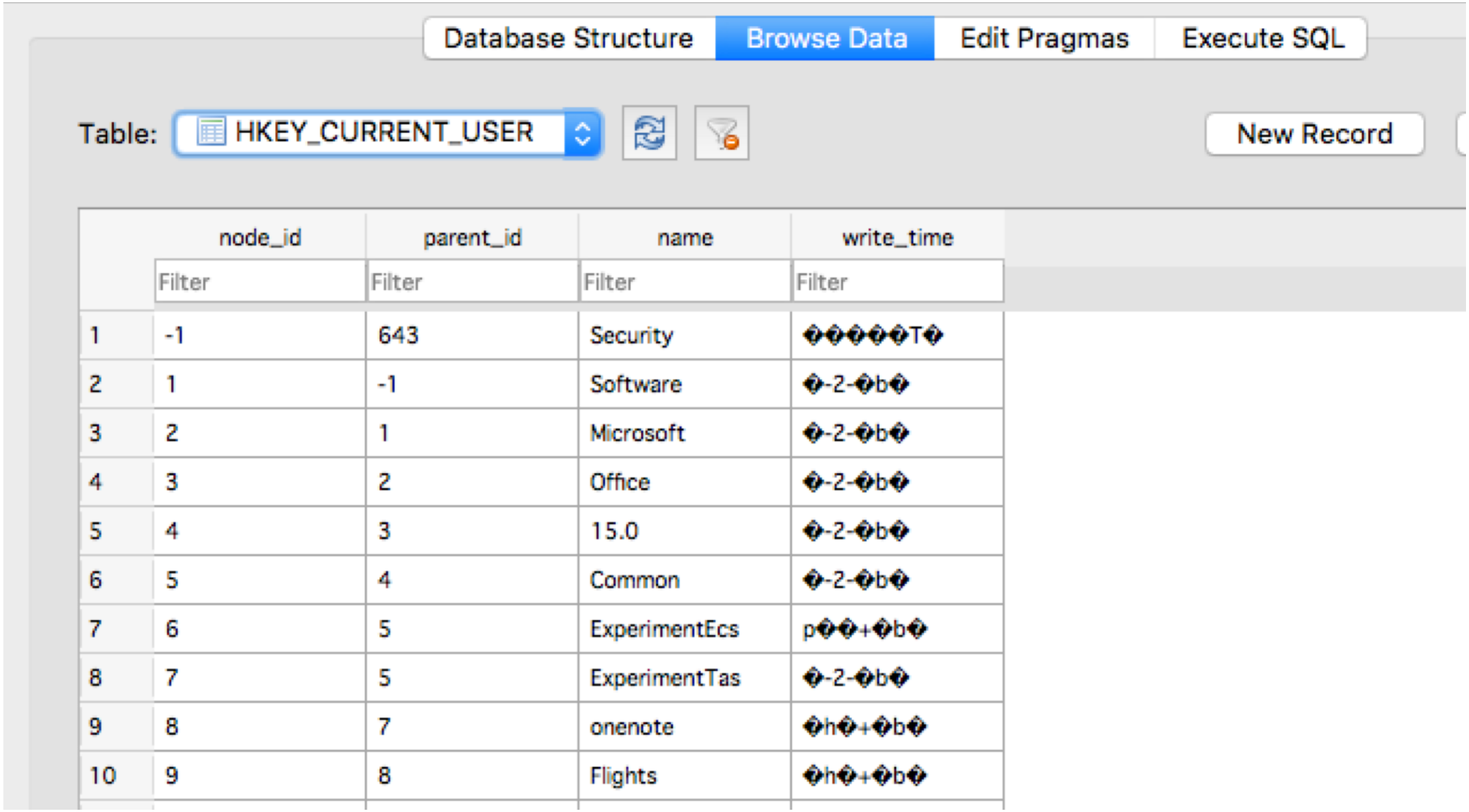
/Users/
  <username>/
    Library/
      Group Containers/
        UBF8T346G9.Office/
          MicrosoftRegistrationDB.reg

Office


DB Browser for SQLite - /Users/olof/Documents/MicrosoftRegistrationDB.reg
New Database
Open Database
Write Changes
Revert Changes
Database Structure
Browse Data
Edit Pragmas
Execute SQL
Create Table
Create Index
Modify Table
Delete Table
Name
Type
Schema
Tables (3)
HKEY_CURRENT_USER
CREATE TABLE HKEY_CURRENT_USER (node_id INTEGER PRIMAR
node_id
INTEGER
`node_id` INTEGER
parent_id
TEXT
`parent_id` TEXT
name
TEXT
`name` TEXT COLLATE nocase
write_time
TEXT
`write_time` TEXT
HKEY_CURRENT_USER_values
CREATE TABLE HKEY_CURRENT_USER_values (node_id INTEGER,
node_id
INTEGER
`node_id` INTEGER
name
TEXT
`name` TEXT COLLATE nocase
type
INTEGER
`type` INTEGER
value
TEXT
`value` TEXT
db_metadata
CREATE TABLE db_metadata (schema_ver INTEGER, min_schema_
schema_ver
INTEGER
`schema_ver` INTEGER
min_schema_ver
INTEGER
`min_schema_ver` INTEGER
cache_table
BINARY
`cache_table` BINARY
Indices (0)
Views (0)
Triggers (0)
Edit Database Cell
Mode:
Text
Import
Export
Set as NULL
Type of data currently in cell: NULL
0 byte(s)
Apply
Remote
Identity
Name
Commit
Last modified
Size
SQL Log
Plot
DB Schema
Remote
UTF-8

Office


Database Structure
Browse Data
Edit Pragmas
Execute SQL
Create Table
Create Index
Modify Table
Delete Table
Name
Type
Schema
Tables (3)
HKEY_CURRENT_USER
CREATE TABLE HKEY_CURRENT_USER (node
node_id
INTEGER
`node_id` INTEGER
parent_id
TEXT
`parent_id` TEXT
name
TEXT
`name` TEXT COLLATE nocase
write_time
TEXT
`write_time` TEXT
HKEY_CURRENT_USER_values
CREATE TABLE HKEY_CURRENT_USER_value
node_id
INTEGER
`node_id` INTEGER
name
TEXT
`name` TEXT COLLATE nocase
type
INTEGER
`type` INTEGER
value
TEXT
`value` TEXT
db_metadata
CREATE TABLE db_metadata (schema_ver IN
schema_ver
INTEGER
`schema_ver` INTEGER
min_schema_ver
INTEGER
`min_schema_ver` INTEGER
cache_table
BINARY
`cache_table` BINARY
Indices (0)



Database Structure | Browse Data | Edit Pragmas | Execute SQL

Table: HKEY_CURRENT_USER

New Record

	node_id	parent_id	name	write_time
	Filter	Filter	Filter	Filter
1	-1	643	Security	❓❓❓❓❓T❓
2	1	-1	Software	❓-2-❓b❓
3	2	1	Microsoft	❓-2-❓b❓
4	3	2	Office	❓-2-❓b❓
5	4	3	15.0	❓-2-❓b❓
6	5	4	Common	❓-2-❓b❓
7	6	5	ExperimentEcs	p❓❓+❓b❓
8	7	5	ExperimentTas	❓-2-❓b❓
9	8	7	onenote	❓h❓+❓b❓
10	9	8	Flights	❓h❓+❓b❓

In the Office Code:

```
WCHAR wzKey[] = "Software\\Microsoft\\Office\\16.0\\PowerPoint\\Options\\Show SlideShow Alerts"
RegGetValueW(HKEY_LOCAL_MACHINE, wzKey, REG_DWORD, nullptr, &dwValue, &dwSize)
```

From Terminal:

```
?????????
```

Office

From Terminal:

mssettings

Office

From Terminal:

```
mssettings --apply
        --value true
        --setting WarnBeforeOpeningAnApplicationOrMacro
```

Office

From Terminal:

```
mssettings --getvalue
        --setting WarnBeforeOpeningAnApplicationOrMacro
```

--> 1

Office

From Terminal:

mssettings --list

--> { …, “WarnBeforeOpeningAnApplicationOrMacro”, ….}

Office

Warn before opening an application or macro

From Terminal:

mssettings –info
--setting WarnBeforeOpeningAnApplicationOrMacro

--> { Setting id: WarnBeforeOpeningAnApplicationOrMacro
display name: Warn before opening an application or macro
default value: 1
description: Preference to control if PowerPoint shows alerts in slide show mode }

Office

OfficeSettingsAgent

/Library/

Application Support/

Microsoft/

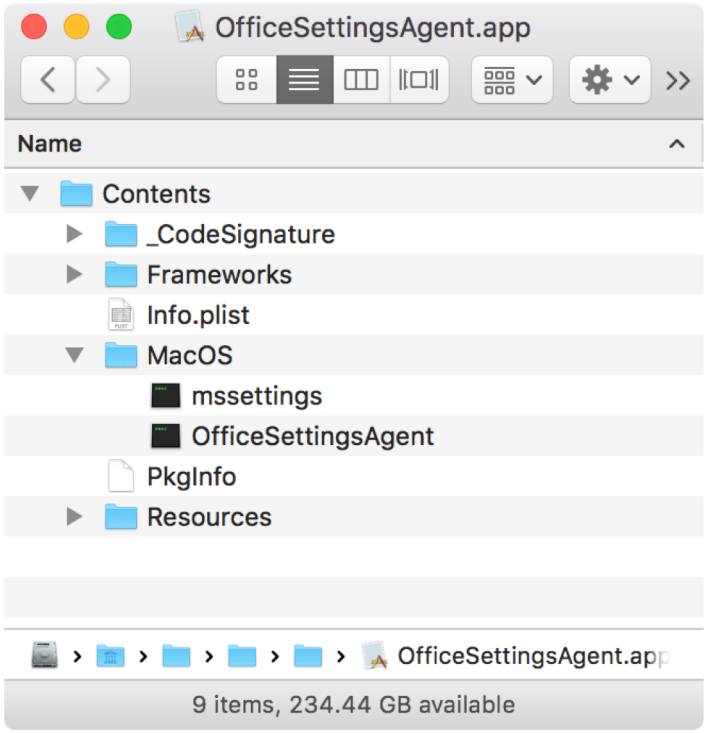
OfficeSettingsAgent/

OfficeSettingsAgent.app/

Contents/

MacOS/

mssettings



Office

Application Settings

Caveats

Office

Demo

Office

Application Settings

Velvet Sweatshop

Office

Appendix

Office

MacAdmin Slack

#microsoft-office

#mau4

#microsoft-rdc

#microsoft-teams

#skype

#onedrive

Office

Where is olof?

MacAdmins #cascadia

Seattle Xcoders

NetNewsWire 5

Office

This is the slide you want a picture of:

@olofhellman @olof olhellma@microsoft.com

Resources: https://www.office4mac.com
https://macadmins.software

Ignite talk: https://myignite.techcommunity.microsoft.com/sessions/64695?source=TechCommunity

Ben Toms article: https://macmule.com/2018/09/24/microsoft-office-for-mac-changes-versioning-shenanigans/

Office