Portable Homes

Now you <u>can</u> take it with you



The Problem

- Mac OS X mobile homes are cool, but...
- What if a user has a mobile account and a network home?
- With Mac OS X 10.3 the data was separate on the workstation and the network
- It was up to you to sync them

The Solution

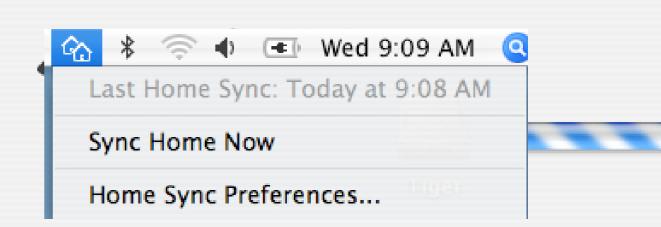
Portable Homes in Mac OS X 10.4

Portable Homes

- <u>Any</u> user that has a mobile account and a network home defined
- Typically for Mac users this includes Open Directory and Active Directory accounts

Sync Basics

- If you have a mobile account and a network defined home folder you can sync the homes
- Activate via the Sync menu or wait for the autosync



Sync Control

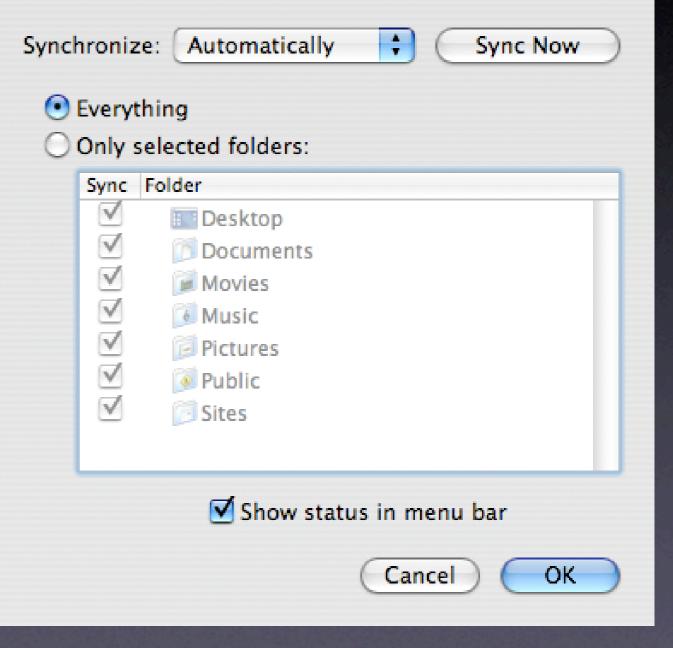
 You can set sync options locally in the Account preferences

| Password | Picture | Login Items | Parental Controls |
|----------|------------|------------------|-------------------|
| | | | |
| | Name: p | ortable home | |
| Short | Name: p | ortablehome | |
| | | Ch | ange Password |
| Addr | ess Book (| Card: Open | \supset |
| | low user t | o administer thi | s computer |
| ⊡ Cr | reate mobi | ile account 💽 | onfigure |
| | | | |

Sync Control

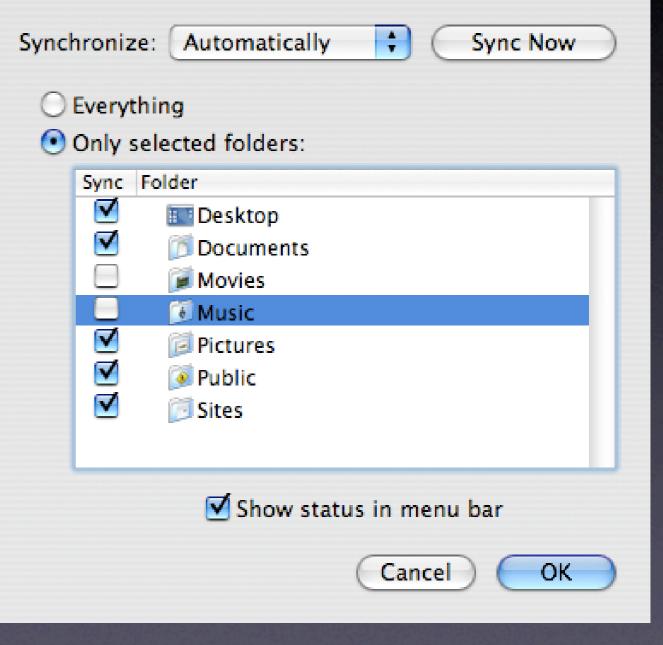
 You can set sync options locally in the Account preferences

• You can sync everything

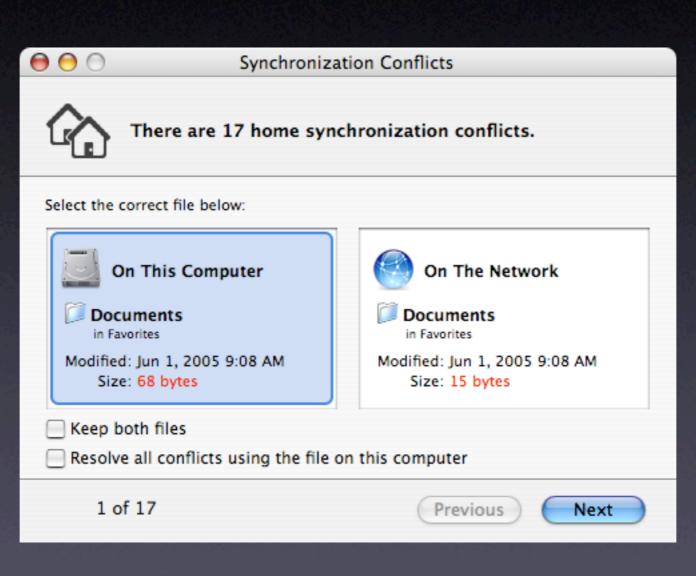


Sync Control

- You can set sync options locally in the Account preferences
- You can sync everything
- Or sync just what you want



Conflict Resolution



 If you have an OD domain or an extended AD schema you can use mcx



- If you have an OD domain or an extended AD schema you can use mcx
- Two sync styles, Login & Logout Sync

| | n & Logout Sync B | ackground Sync | Options |
|---------------|-------------------------|---------------------|---------------|
| Manage: | 💽 Never | Once | Always |
| Setting | s apply to mobile accou | nts on Mac OS X v10 | .4 and later. |
| ynchronize at | login and logout: | | |
| older | | | + |
| | | | |
| | | | |
| | | | |
| | | | |
| | match any of the fo | | |
| Match | String, file, or fold | | |
| | String, file, or fold | | |
| Match | String, file, or fold | | + |

- If you have an OD domain or an extended AD schema you can use mcx
- Two sync styles, Login & Logout Sync and Background Sync

| | n & Logout Sync | Background Sync | Options |
|---|---|-----------------------|---------------|
| Manage: | O Never | Once | Always |
| Setting | gs apply to mobile acco | ounts on Mac OS X v10 | .4 and later. |
| nchronize in | the background: | | |
| older | | | |
| ~ | | | + |
| | | | |
| | | | _ |
| | | | |
| | | | |
| | | | |
| kip items that | t match any of the f | ollowing: | |
| | t match any of the f String, file, or fo | | |
| kip items that ^{Match} Full Path | | | |
| Match | String, file, or fo | | |
| Match Full Path | String, file, or fo ~/Library | | |

 Notice that you can use rules to control what syncs

| Skip items that ma | tch any of the following: |
|--------------------|---------------------------|
| Match | String, file, or folder |
| Starts with | ·/Library |
| Ends with | ·/.Trash |
| ✓ Name contains | |
| Name is | |
| Full Path | |
| Partial Path | settings |
| | |

- Notice that you can use rules to control what syncs
- Also notice that ~/Library is off by default
- This can't be enabled!

| Skip items | that match | any of th | e following: |
|------------|------------|-----------|--------------|
|------------|------------|-----------|--------------|

| Match | String, file, or folder | |
|-----------|-------------------------|--|
| Full Path | 🗘 ~/Library | |
| Full Path | ‡ ∼/.Trash | |

Merge with user's settings

- Background syncs can run on a schedule from ever 5 minutes to once an hour
- Base this schedule on the resource levels you have
- Note the option to override managed sync settings or merge them with the local settings

| | Synchroniz | ation Rules | |
|-----------------|----------------------|----------------------|---------------|
| Login | & Logout Sync | Background Sync | Options |
| Manage: | O Never | Once | Always |
| Settings | apply to mobile acco | unts on Mac OS X v10 | .4 and later. |
| Synchronize bac | kground folders: | | 5 minutes |
| Manually | 💽 Every 🛛 📃 | | |
| | 5 minutes | | 60 minutes |

 You can change the local sync interval in the homeSync preference domain

```
Terminal — bash — 80x24
dhcp172-21s10n78:~ portablehome$ defaults read com.apple.homeSync
{
    excludedItems = (
        {comparison = fullPath; value = "~/Library"; },
        {comparison = fullPath; value = "~/.Trash"; }
    );
    excludedPrefItems = ({comparison = fullPath; value = "~/Library"; });
    periodicSyncOn = 1;
    syncPeriodSeconds = 1200;
    syncedFolders = ({path = "~/"; });
    syncedPrefFolders = ();
}
dhcp172-21s10n78:~ portablehome$
```

Sync Summary

Mobile home syncing adds flexibility

- For users with multiple Macs or even just as an easy backup method
- No mcx required
- ~/Library is not synced

