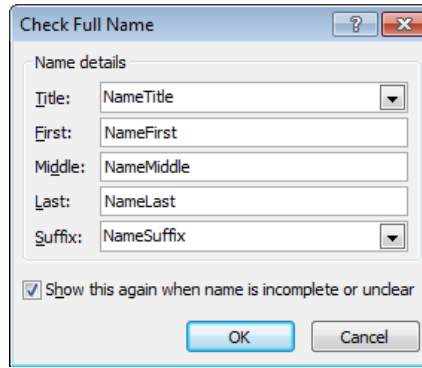


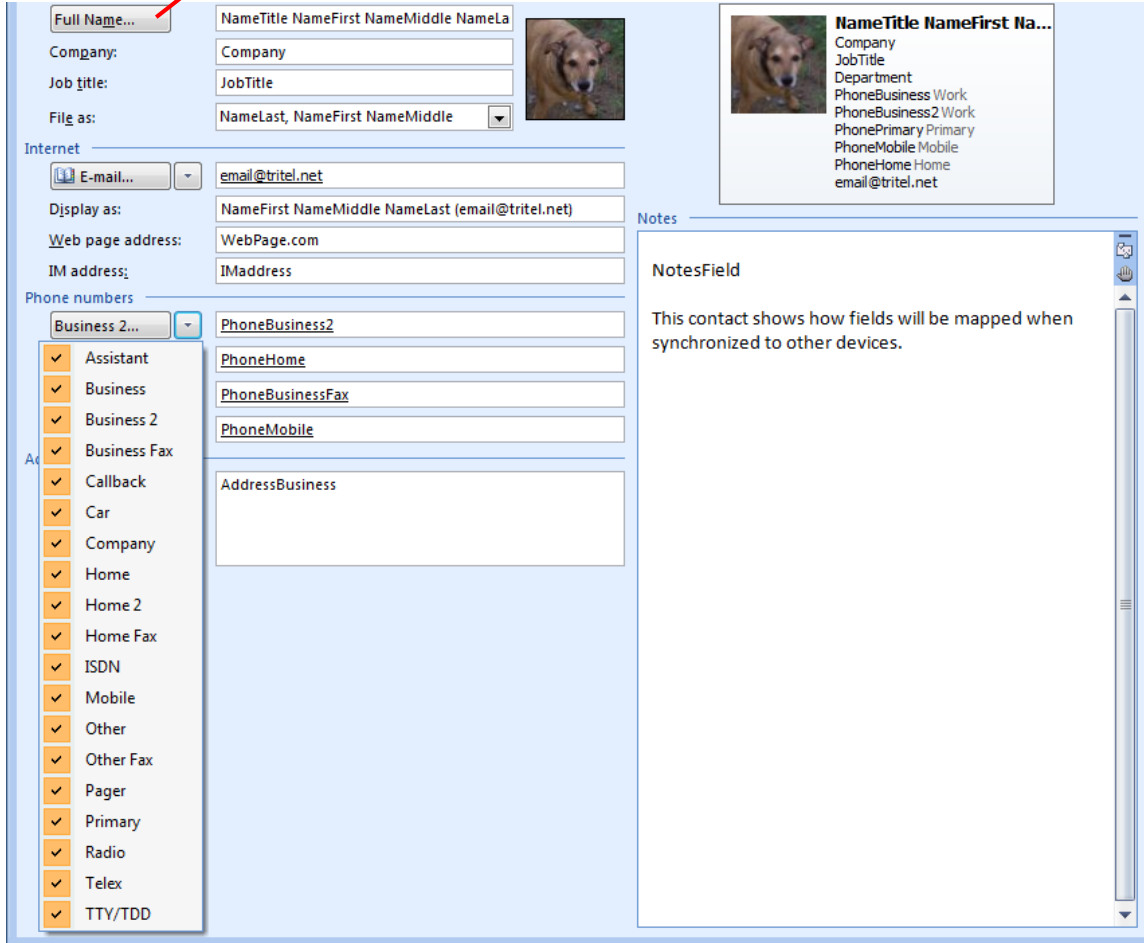
Mapping of Outlook Contact fields to iPhone Contacts

1. If the Outlook contact contains:



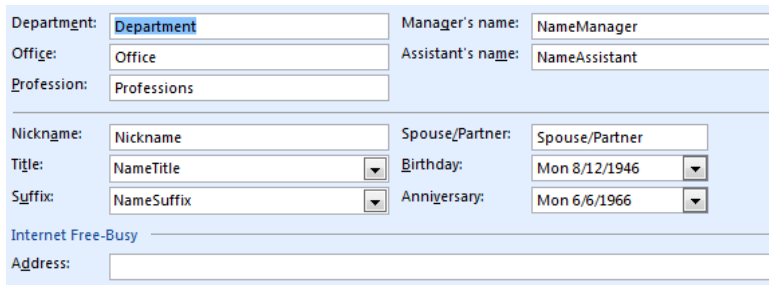
A dialog box titled "Check Full Name" with a question mark icon and a close button. It contains a "Name details" section with the following fields: Title (NameTitle), First (NameFirst), Middle (NameMiddle), Last (NameLast), and Suffix (NameSuffix). There is a checkbox labeled "Show this again when name is incomplete or unclear" which is checked. At the bottom are "OK" and "Cancel" buttons.

Outlook contact General fields:



A screenshot of the Outlook contact "General" tab. The "Full Name" field is highlighted with a red arrow pointing to the "Check Full Name" dialog box. The "Full Name" field contains "NameTitle NameFirst NameMiddle NameLa...". Other fields include Company, Job title, File as, Internet (E-mail, Display as, Web page address, IM address), Phone numbers (Business 2, Assistant, Business, Business 2, Business Fax, Callback, Car, Company, Home, Home 2, Home Fax, ISDN, Mobile, Other, Other Fax, Pager, Primary, Radio, Telex, TTY/TDD), and Notes (NotesField). A preview of the contact card is shown on the right.

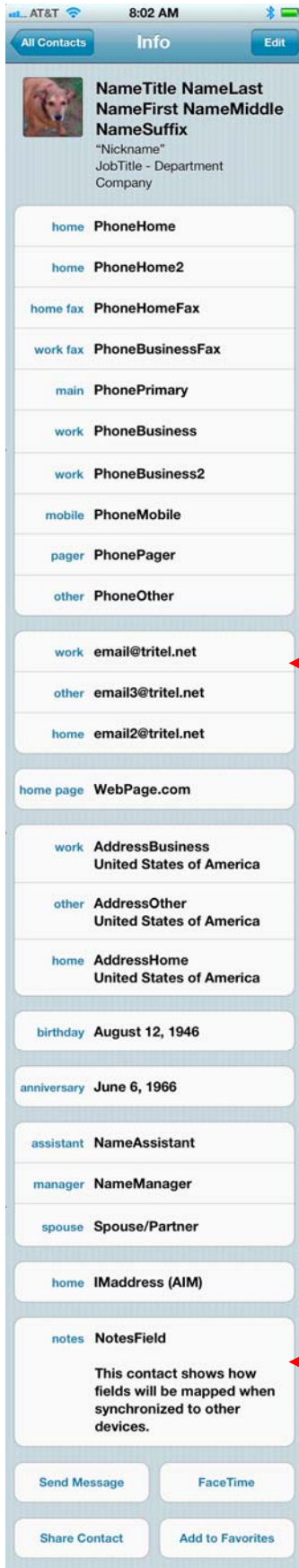
Outlook contact Details fields:



A screenshot of the Outlook contact "Details" tab. Fields include Department (Department), Office (Office), Profession (Professions), Manager's name (NameManager), Assistant's name (NameAssistant), Nickname (Nickname), Spouse/Partner (Spouse/Partner), Title (NameTitle), Birthday (Mon 8/12/1946), Suffix (NameSuffix), and Anniversary (Mon 6/6/1966). There is also an "Internet Free-Busy" section with an "Address" field.

Mapping of Outlook Contact fields to iPhone Contacts

Then the iPhone contact will be:



Note the mapping:
Outlook E-mail -> work
Outlook E-mail 2 -> home
Outlook E-mail 3 -> other

I have not tested extensively to ensure that it always works this way (see the Send Contact page below).

Tip: If you have a long note, you can scroll the notes field. My experience is that the entire note gets transferred from Outlook to the iPhone but there may be a limit which I have not yet encountered.

Tip: If the lines are difficult to read because they are wrapped, try rotating the iPhone to landscape mode.

Mapping of Outlook Contact fields to iPhone Contacts

o The logic may not be as simple as is implied by the mapping above. The first time a contact transfers to the iPhone, the results are as expected. If, however, the user moves the contents around in Outlook between the various types of phone numbers, sometimes the content on the iPhone is not intuitive (e.g., PhonePager showing up on the iPhone with an “other” label rather than a “pager” label); on occasion it may be necessary to edit on the iPhone to delete duplicate phone numbers within the contact. This variation is probably due to the Unified Contact processing (iOS 5 user manual for iPhone, p. 109).

o The following Outlook Contact fields are not transferred. The obvious fields were tested but there may be other Outlook fields which are not transferred.

- PhoneAssistant
- PhoneCallback
- PhoneCar
- PhoneCompany
- PhoneISDN
- PhoneOtherFax
- PhoneRadio
- PhoneTelex
- PhoneTTY/TDD
- Office (Outlook Details screen)
- Professions (Outlook Details screen)

o If contacts are not sorting the way you prefer on the iPhone:

o I struggled with company names in the Full Name field not sorting into the desired sequence (because they are being interpreted as names of people). There appear to be two alternatives which work regardless of your desired sort order:

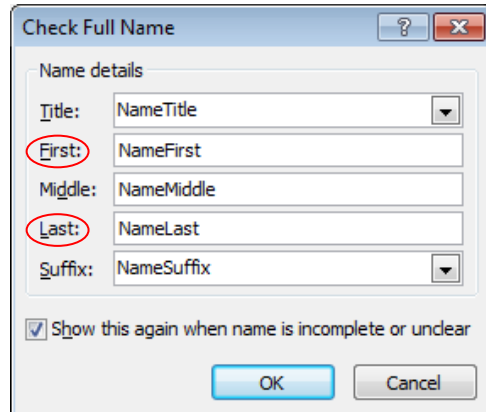
- o Use Outlook’s Full Name screen to enter the entire company name (with or without spaces) into the Last: field. (I have not extensively tested this alternative.)

- o Enter the company name into the Full Name field so that it does not contain spaces or periods (think Use_Underscore or RunTheNameTogether). This is presently my preferred approach because (a) it always works, (b) it does not require opening the Full Name screen, and (c) it eliminates concern about whether the entire company name was entered into the Last: field. The downside is that does not provide the best presentation if you are emailing (or otherwise transferring) contact data to other people.

(continued on next page)

Mapping of Outlook Contact fields to iPhone Contacts

o If the contact for a person appears out of sequence on the iPhone, click the Full Name button for the contact in Outlook and rearrange the fields as desired. Last: or First: will be the critical field depending upon your preferred sort order. An alternative to using the Full Name button in Outlook is to edit on the iPhone, but this is a little trickier because the fields are unlabeled (so just because someone's last name is visible does not necessarily mean that it is in the last name field) and only fields containing data are displayed at the top of the edit-contact screen; to add fields you must tap the Add Field button (not shown below) at the end of the edit-contact screen.



o Many years ago I customized the Outlook Contact General form to display the "File as:" field, so that I could view and edit how the contact was saved in Outlook. Now that I better understand the Full Name panel and how to handle company names, perhaps this was unnecessary. But it appears that modifying the Full Name does not always update the "File as:" field; perhaps it depends upon whether the "File as:" field was previously manually modified by the user. The "File as:" field is viewable and editable (with no user customization I think) by clicking any one of the following Outlook Contact Custom Views: Phone List, By Category, By Company, By Location, Outlook Data Files.

o If you have made extensive updates in Outlook, rather than risking iTunes incorrectly merging old and new versions (and potentially messing up contacts in Outlook and on the iPhone), before the next sync: iTunes > device: iPhone > Info > Advanced: Replace information on this iPhone > check Contacts > Apply. This is a one-time check mark – iTunes will automatically reset it after the sync. Another alternative, albeit requiring two syncs, is to uncheck Sync Contacts, which pops a dialog asking whether to delete all Contacts from the iPhone.

o I do not use any cloud-based services (e.g. Google, MobileMe, Windows Live, Microsoft Exchange) therefore cannot comment on the synchronization issues peculiar to those services.

o I do not have my Outlook contacts organized into folders or categories therefore cannot comment how those translate to the iPhone.

(continued on next page)

Mapping of Outlook Contact fields to iPhone Contacts

2. What data gets transferred when you "Send Contact" via email from the iPhone? (attaches a .vcf file)

Full Name... NameTitle NameLast NameFirst NameSuffix
Company: Company
Job title: JobTitle
File as: NameLast, NameFirst NameMiddle

Internet
E-mail... email@tritel.net
Display as: NameTitle NameLast NameFirst NameSuffix NameMiddle (e)
Web page address:
IM address:

Phone numbers
Business... PhoneBusiness
Assistant
Business
Business 2
Business Fax
Callback
Car
Company
Home
Home 2
Home Fax
ISDN
Mobile
Other
Other Fax
Pager
Primary
Radio
Telex
TTY/TDD

Notes

As noted above, these fields were never transferred from Outlook to the iPhone, so we cannot expect them to be included in the .vcf file created by the iPhone. See section 3 (below) for how fields added on the iPhone map to Outlook.

These fields probably should transfer from the iPhone to Outlook but did not. (Although it might be a good thing that Notes do not transfer.)


Department: Department
Office:
Profession:
Manager's name:
Assistant's name:
Nickname: Nickname
Spouse/Partner:
Title: NameTitle
Birthday: Mon 8/12/1946
Suffix: NameSuffix
Anniversary: None
Internet Free-Busy
Address:

In my one test, email2 and email3 reversed positions, i.e., E-mail2 for the new Outlook contact is now email3@tritel.net and E-mail 3 is now email2@tritel.net.

Mapping of Outlook Contact fields to iPhone Contacts

3. What about fields which may be unique to the iPhone?


If the iPhone contact looks like this:

	<p>Photo NOT SYNC'D (Outlook to iPhone works, but apparently not iPhone to Outlook)</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>home page url_homepage.com</td> <td>home page > Web page address</td> </tr> <tr> <td>home url_home.com</td> <td>home > Personal home page</td> </tr> <tr> <td>work url_work.com</td> <td>work NOT SYNC'D</td> </tr> <tr> <td>other url_other1.com</td> <td>other1 NOT SYNC'D</td> </tr> <tr> <td>other url_other2.com</td> <td>other2 NOT SYNC'D</td> </tr> <tr> <td>other url_other3.com</td> <td>other3 NOT SYNC'D</td> </tr> <tr> <td>other url_other4.com</td> <td>other4 NOT SYNC'D</td> </tr> <tr> <td>other url_other5.com</td> <td>other5 NOT SYNC'D</td> </tr> </table>	home page url_homepage.com	home page > Web page address	home url_home.com	home > Personal home page	work url_work.com	work NOT SYNC'D	other url_other1.com	other1 NOT SYNC'D	other url_other2.com	other2 NOT SYNC'D	other url_other3.com	other3 NOT SYNC'D	other url_other4.com	other4 NOT SYNC'D	other url_other5.com	other5 NOT SYNC'D																																	
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>mobile (307) 555-0001</td><td>0001 Mobile</td></tr> <tr><td>iPhone (307) 555-0002</td><td>0002 NOT SYNC'D</td></tr> <tr><td>home (307) 555-0003</td><td>0003 Home</td></tr> <tr><td>work (307) 555-0004</td><td>0004 Business</td></tr> <tr><td>main (307) 555-0005</td><td>0005 Primary</td></tr> <tr><td>home fax (307) 555-0006</td><td>0006 Home Fax</td></tr> <tr><td>work fax (307) 555-0007</td><td>0007 Business Fax</td></tr> <tr><td>other fax (307) 555-0008</td><td>0008 NOT SYNC'D</td></tr> <tr><td>pager (307) 555-0009</td><td>0009 Pager</td></tr> <tr><td>other (307) 555-0010</td><td>0010 NOT SYNC'D</td></tr> <tr><td>other (307) 555-0011</td><td>0011 NOT SYNC'D</td></tr> <tr><td>other (307) 555-0012</td><td>0012 NOT SYNC'D</td></tr> <tr><td>other (307) 555-0013</td><td>0013 NOT SYNC'D</td></tr> <tr><td>other (307) 555-0014</td><td>0014 NOT SYNC'D</td></tr> <tr><td>other (307) 555-0015</td><td>0015 Other</td></tr> <tr><td>other (307) 555-0016</td><td>0016 NOT SYNC'D</td></tr> <tr><td>other (307) 555-0017</td><td>0017 NOT SYNC'D</td></tr> <tr><td>other (307) 555-0018</td><td>0018 NOT SYNC'D</td></tr> <tr><td>other (307) 555-0019</td><td>0019 NOT SYNC'D</td></tr> <tr><td>other (307) 555-0020</td><td>0020 NOT SYNC'D</td></tr> </table>	mobile (307) 555-0001	0001 Mobile	iPhone (307) 555-0002	0002 NOT SYNC'D	home (307) 555-0003	0003 Home	work (307) 555-0004	0004 Business	main (307) 555-0005	0005 Primary	home fax (307) 555-0006	0006 Home Fax	work fax (307) 555-0007	0007 Business Fax	other fax (307) 555-0008	0008 NOT SYNC'D	pager (307) 555-0009	0009 Pager	other (307) 555-0010	0010 NOT SYNC'D	other (307) 555-0011	0011 NOT SYNC'D	other (307) 555-0012	0012 NOT SYNC'D	other (307) 555-0013	0013 NOT SYNC'D	other (307) 555-0014	0014 NOT SYNC'D	other (307) 555-0015	0015 Other	other (307) 555-0016	0016 NOT SYNC'D	other (307) 555-0017	0017 NOT SYNC'D	other (307) 555-0018	0018 NOT SYNC'D	other (307) 555-0019	0019 NOT SYNC'D	other (307) 555-0020	0020 NOT SYNC'D	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>home Address1 United States</td> <td>home > Home</td> </tr> <tr> <td>work Address2 United States</td> <td>work > Business</td> </tr> <tr> <td>other Address3 United States</td> <td>Address3 (other1) NOT SYNC'D</td> </tr> <tr> <td>other Address4 United States</td> <td>Address4 (other2) > Other</td> </tr> <tr> <td>other Address5 United States</td> <td>Address5 (other 3) NOT SYNC'D</td> </tr> </table>	home Address1 United States	home > Home	work Address2 United States	work > Business	other Address3 United States	Address3 (other1) NOT SYNC'D	other Address4 United States	Address4 (other2) > Other	other Address5 United States	Address5 (other 3) NOT SYNC'D
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other Address4 United States	Address4 (other2) > Other																																																		
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>home email home@tritel.net</td><td>home > E-mail 2</td></tr> <tr><td>work email_work@tritel.net</td><td>work > E-mail</td></tr> <tr><td>other email_other1@tritel.net</td><td>other1 NOT SYNC'D</td></tr> <tr><td>other email_other2@tritel.net</td><td>other2 NOT SYNC'D</td></tr> <tr><td>other email_other3@tritel.net</td><td>other3 NOT SYNC'D</td></tr> <tr><td>other email_other4@tritel.net</td><td>other4 NOT SYNC'D</td></tr> <tr><td>other email_other5@tritel.net</td><td>other5 > E-mail 3</td></tr> </table>	home email home@tritel.net	home > E-mail 2	work email_work@tritel.net	work > E-mail	other email_other1@tritel.net	other1 NOT SYNC'D	other email_other2@tritel.net	other2 NOT SYNC'D	other email_other3@tritel.net	other3 NOT SYNC'D	other email_other4@tritel.net	other4 NOT SYNC'D	other email_other5@tritel.net	other5 > E-mail 3	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>birthday August 12, 1946</td><td>Sync'd</td></tr> <tr><td>anniversary June 6, 1966</td><td>Sync'd</td></tr> <tr><td>Twitter @twitter</td><td>NOT SYNC'D</td></tr> </table>	birthday August 12, 1946	Sync'd	anniversary June 6, 1966	Sync'd	Twitter @twitter	NOT SYNC'D																														
home email home@tritel.net	home > E-mail 2																																																		
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other email_other4@tritel.net	other4 NOT SYNC'D																																																		
other email_other5@tritel.net	other5 > E-mail 3																																																		
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notes Notes	Sync'd																																																		

Note that the syncing of some of the "other" fields seems a bit quirky. It would probably be advisable to avoid using them if possible. Also, I have not yet encountered a limit for the number of "other" fields.

Mapping of Outlook Contact fields to iPhone Contacts

Then the Outlook contact will be:

Full Name...	NamePrefix NameFirst NameMiddle NameL		<div style="border: 1px solid gray; padding: 5px;"> NamePrefix NameFirst NameM... Company JobTitle Department (307) 555-0004 Work (307) 555-0005 Primary (307) 555-0001 Mobile (307) 555-0003 Home (307) 555-0015 Other email_work@tritel.net </div>
Company:	Company		
Job title:	JobTitle		
File as:	NameLast_ContactCreatedOn_iPhone, I		
Internet			
E-mail...	email_work@tritel.net	<div style="border: 1px solid gray; padding: 5px;"> Notes Notes </div>	
Display as:	NameFirst NameMiddle NameLast_ContactCreatedOn_iPho		
Web page address:	url_homepage.com		
IM address:	IM_home		
Phone numbers			
Business...	(307) 555-0004	<div style="border: 1px solid gray; padding: 5px;"> Address2 United States </div>	
Assistant	(307) 555-0003		
<input checked="" type="checkbox"/> Business	(307) 555-0007		
Business 2	(307) 555-0001		
<input checked="" type="checkbox"/> Business Fax			
Callback			
Car			
Company			
<input checked="" type="checkbox"/> Home			
Home 2			
<input checked="" type="checkbox"/> Home Fax			
ISDN			
<input checked="" type="checkbox"/> Mobile			
<input checked="" type="checkbox"/> Other			
Other Fax			
<input checked="" type="checkbox"/> Pager			
<input checked="" type="checkbox"/> Primary			
Radio			
Telex			
TTY/TDD			

Department:	Department	Manager's name:	
Office:		Assistant's name:	
Profession:			
Nickname:	NameNickname	Spouse/Partner:	
Title:	NamePrefix	Birthday:	Mon 8/12/1946
Suffix:	NameSuffix	Anniversary:	Mon 6/6/1966
Internet Free-Busy			
Address:			

- =====
- o Test platform:
 - Outlook 2007 12.0.6607.1000 (Win7 64-bit)
 - iTunes 10.5.1.42
 - iOS 5.0.1 (iPhone 4S)
 - o Buffy gave her permission to use her photos in exchange for a treat. Woof!
 - o I am just a user. No affiliation with Microsoft or Apple.