

Distributing an Application

What to do when you try and create an Application XML and you have errors?

One of the things that's been bugging me since I started writing this application is the fact that when I try and Generate an XML of the application (for backup purposes on the public cloud), I constantly got errors saying relationships weren't in place,

These errors are directly related to how you have your application set up. Now that I have a private cloud installation, it was time to start migrating the application over. The only way to do this is to use the Generate XML option under the application. As I've built the application, I've used the "cc" prefix to indicate the tables/objects relevant to my application. When I first tried to move it over, it failed, and I only had about 6-8 of the "core" objects associated with the application. I unfortunately had several of them as dependent objects, and others were not part of the application.

The correction of this dilemma is to make SURE that whatever tables you intend to be part of your application are considered "Core Objects" and whatever existing functionality that you use (users, communication log, etc...) are flagged as dependent objects. If you keep your house clean, you won't have any XML publishing issues. I had to add over 10 objects to my core object list to get this screen:

Core Objects						
Action	Object	Deployed	Attributes	Integration Name	Last Updated	Last Updated By
Edit Remove	Common Phrase	✓		ccCommon_phrase	04/23/2014 12:05 PM	Craig Ellis
Edit Remove	Company [ccCompany]	✓		ccCompany	03/26/2014 10:55 AM	Craig Ellis
Edit Remove	Contact [ccContact]	✓	Contact	ccContact	03/31/2014 10:23 AM	Craig Ellis
Edit Remove	Contact Phone	✓		ccContactPhone	03/31/2014 01:33 PM	Craig Ellis
Edit Remove	Customer [ccCustomer]	✓		ccCustomer	03/27/2014 12:34 PM	Craig Ellis
Edit Remove	Employee [ccEmployee]	✓		ccEmployee	06/10/2014 10:58 AM	Craig Ellis
Edit Remove	Job [ccJob]	✓	Workflow, Location	ccJob	05/15/2014 12:07 PM	Craig Ellis
Edit Remove	Job Task	✓	Task	job_task	05/19/2014 09:17 AM	Craig Ellis
Edit Remove	Lead Source	✓		ccLead_source	06/10/2014 06:37 PM	Craig Ellis
Edit Remove	Misc Code	✓		ccMisc_code	06/10/2014 08:46 AM	Craig Ellis
Edit Remove	Opportunity [ccOpportunity]	✓	Workflow, Task	ccOpportunity	04/03/2014 09:45 AM	Craig Ellis
Edit Remove	Project Document	✓	Document	ccOpportunity_document	04/15/2014 05:04 PM	Craig Ellis
Edit Remove	Project Manager	✓	Contact	ccProject_manager	03/27/2014 11:02 AM	Craig Ellis
Edit Remove	Proposal [ccProposal]	✓	Workflow, Location	ccProposal	05/22/2014 02:38 PM	Craig Ellis
Edit Remove	Proposal Line Item [ccProposal_line_item]	✓		ccProposal_line_item	04/28/2014 04:31 PM	Craig Ellis
Edit Remove	Proposal Task	✓	Task	ccProposal_task	04/14/2014 11:47 AM	Craig Ellis
Edit Remove	Schedule	✓	Workflow	ccSchedule	06/26/2014 10:13 AM	Craig Ellis
Edit Remove	Supervisor	✓	Contact, Portal, Visitor	ccSupervisor	06/23/2014 08:04 AM	Craig Ellis
Edit Remove	Timesheet [cc_Timesheet]	✓		cc_Timesheet	06/10/2014 11:17 AM	Craig Ellis
Edit Remove	Timesheet Concrete [ccTimesheet_concrete]	✓	Workflow	ccTimesheet_concrete	06/13/2014 09:24 AM	Craig Ellis
Edit Remove	Timesheet Labor [ccTimesheet_labor]	✓		ccTimesheet_labor	06/10/2014 09:14 AM	Craig Ellis
Edit Remove	Timesheet Misc	✓	Workflow	ccTimesheet_misc	06/13/2014 09:29 AM	Craig Ellis
Edit Remove	Timesheet Revenue [ccTimesheet_revenue]	✓	Workflow	ccTimesheet_revenue	06/24/2014 10:05 AM	Craig Ellis
Edit Remove	Vendor	✓		ccVendor	06/05/2014 11:39 AM	Craig Ellis

Dependent Objects						
Action	Object	Deployed	Attributes	Integration Name	Last Updated	Last Updated By
Edit Remove	Communication Log	✓	Communication Log	COMMLOG	01/30/2014 10:08 AM	Craig Ellis
Edit Remove	User	✓	Contact, Portal, Visitor, Organization	USER	01/30/2014 09:22 AM	Craig Ellis