

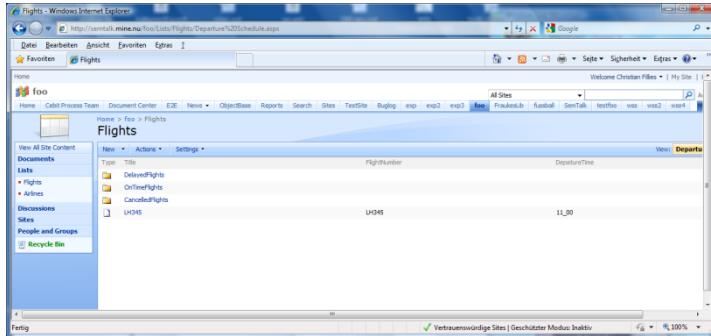
SemTalk®

Semtation GmbH

SemTalk

SemTalk WSS Generator. Sharepoint Sites made easy

Sharepoint the manual way

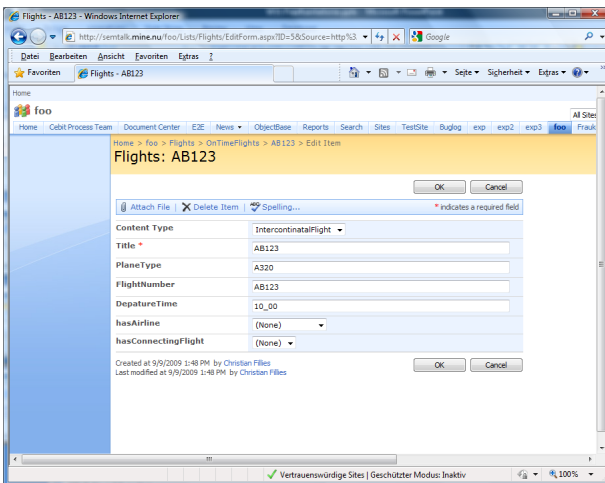


■ Task

- Create two simple lists with some columns, one lookup field, a view, two folders and may be some items. The list should use Sharepoint content types in order to be able to evaluate the items in reports later on

■ Problem

- This might take about 100 clicks and 30 minutes of your time (depending on the Sharepoint skill level)
- You will need to know about: Site Settings, Site Content Type Gallery, Site Column Type Gallery, List Settings, Advanced list settings etc.
- You must be sure to do it all in the right order



■ Solution 1

- Use Visual Studio...

■ Solution 2

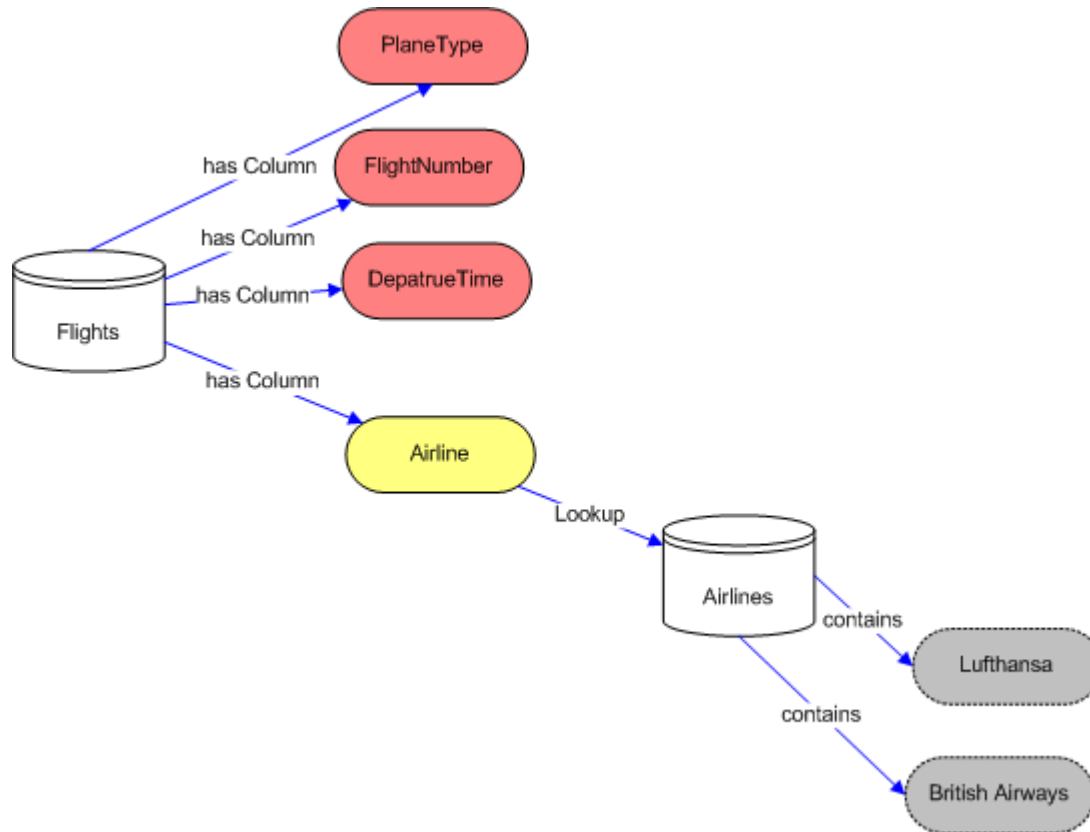
- Generate it from SemTalk / Visio

What is SemTalk WSS Generator?



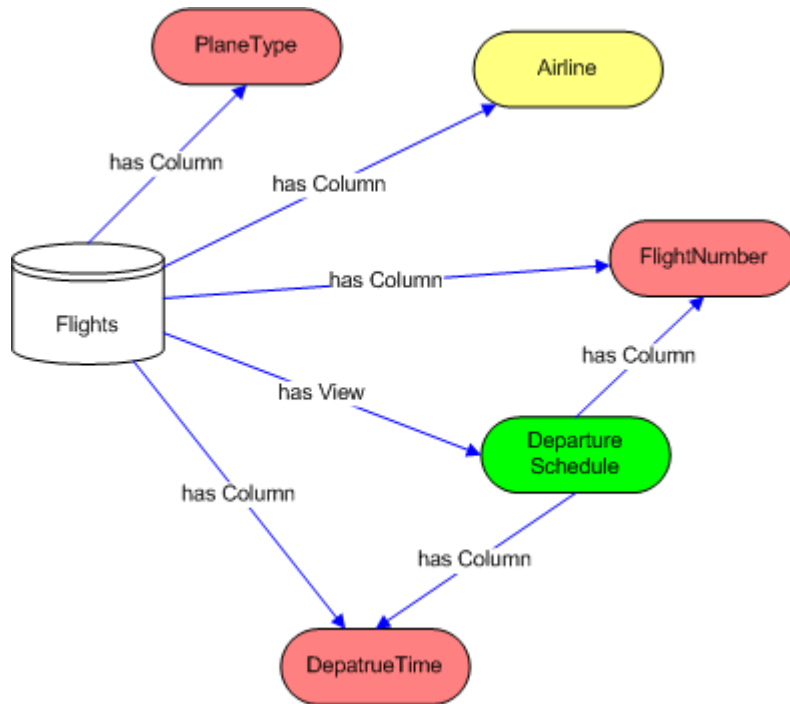
- SemTalk WSS Generator enables even non-technical users to design and deploy complex Sharepoint websites
- Visio based graphical templates for Sharepoint structures and content
- No editing of XML, programming skills or deep knowledge of Sharepoint options required
- Zero installation on the server: 100% web services used for generation
- All essential elements: Lists, Column Types, Content Types, Lookups, Views, Folders and items
- The same template may be used for WSS and MOSS.
- The same template may contain multiple languages
- Predefined template for process portals

Lists, Columns, Lookup



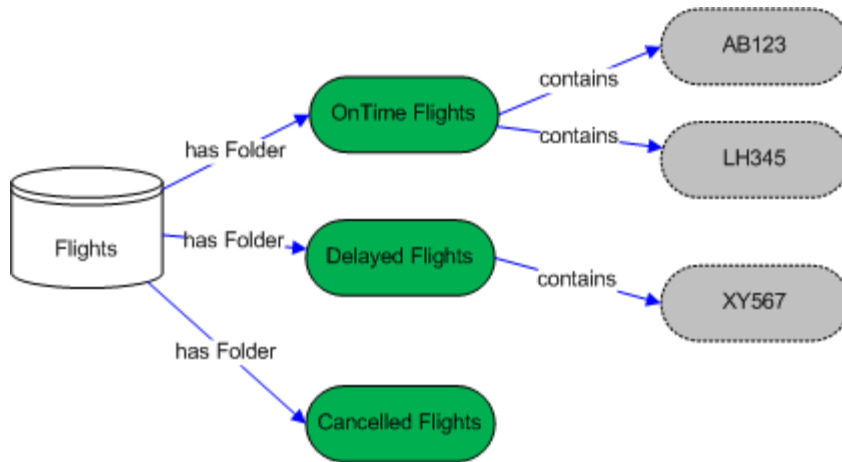
- Graphically define Lists and Columns
- Columns (Red) may be typed (String, Date, Choice etc)
- Lookup Columns (Yellow) get their values from other lists)
- For Columns we will create automatically a ColumnType on the destination site
- There are Lookups and LookupMulti Columns
- Initial Items may be specified which are contained in lists

Views



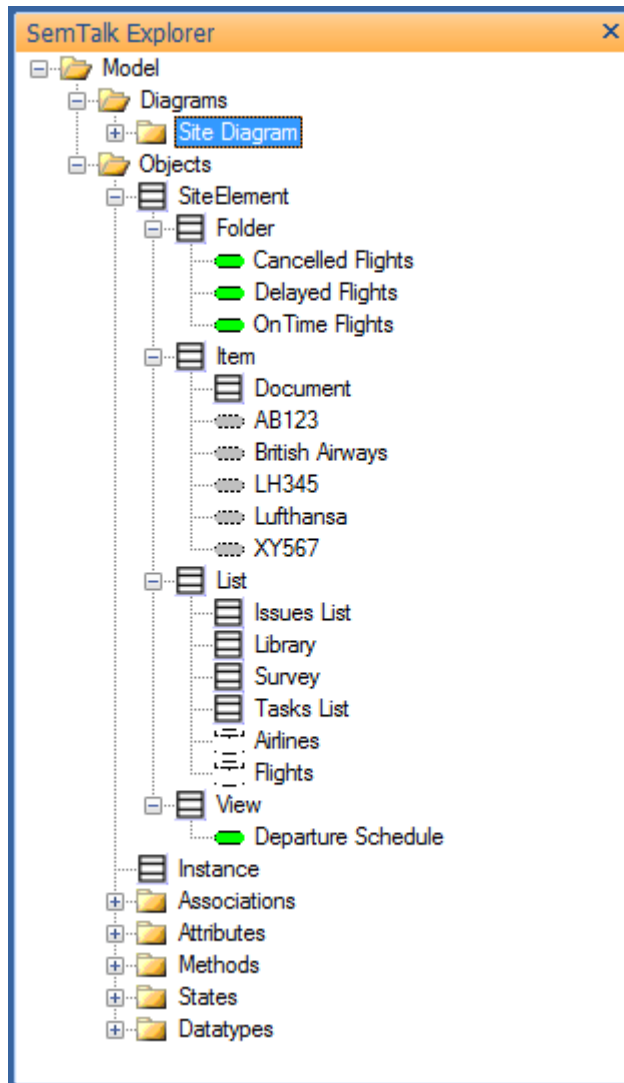
- Multiple views can be attached to lists
- Views contain a subsets of the columns of a list
- Views may be the default view of a list

Folders



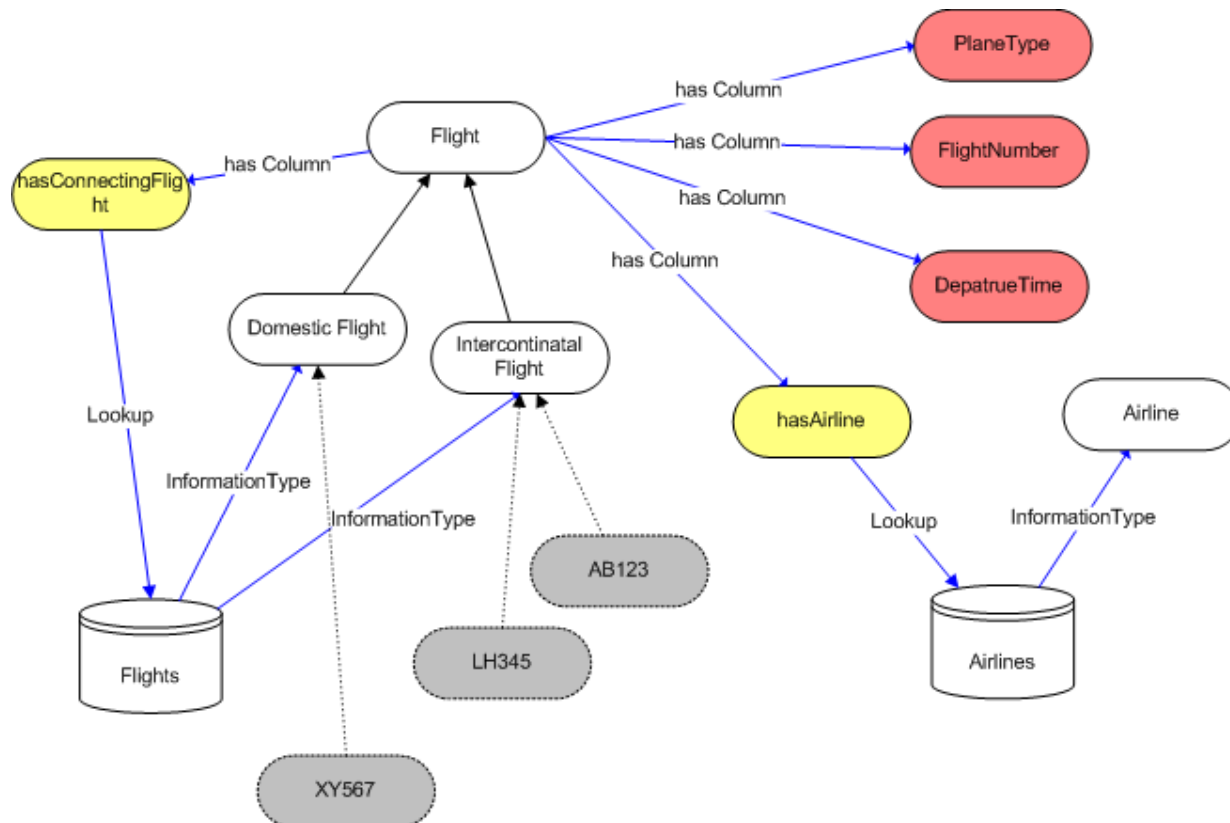
- List may have Folders
- Folders may contains Items

List Types



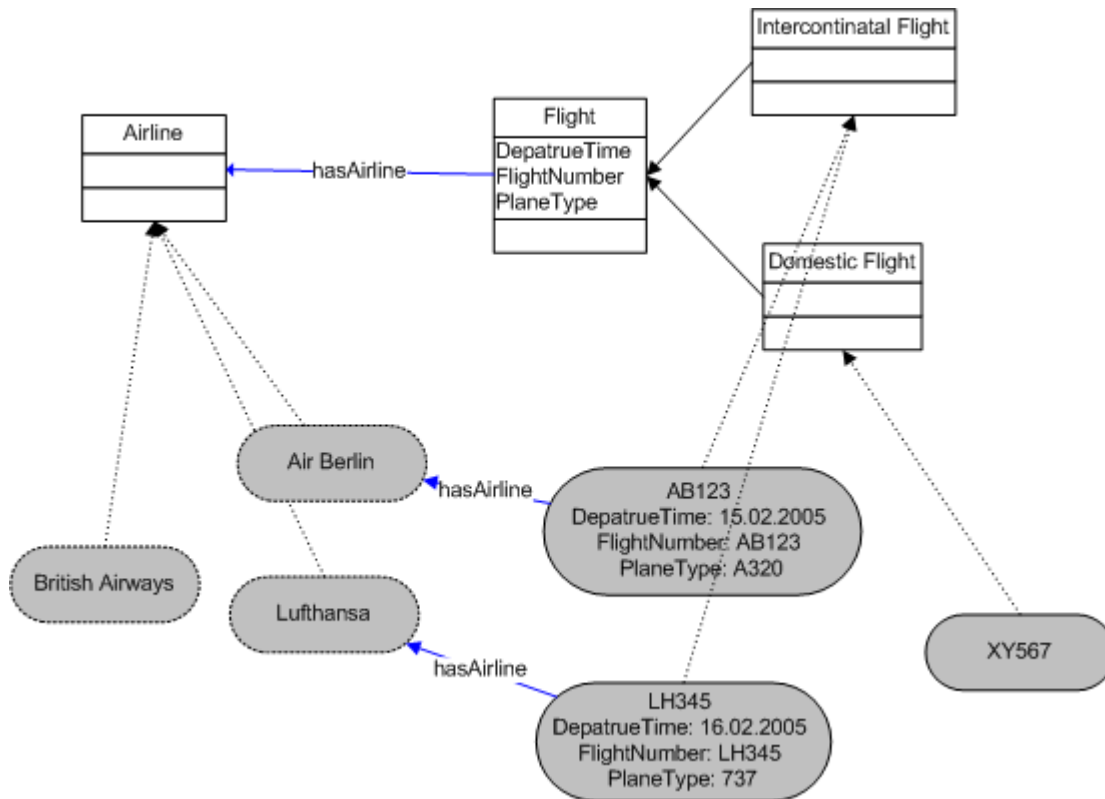
- You may use any type of List defined in Sharepoint
- SemTalk comes with predefined Lists:
 - List
 - Document Library
 - Surves
 - Tasks List
 - Issue List
 - ...
- These can easily be extend by other List types

Content Types



- Instead of defining Columns directly on lists, it is recommended to use content types (e.g. “Flight”, “Airline”)
- Lists may have multiple content types
- Columns are now defined on the Content Type instead of the list
- Items may be instances of content types

Instance Column Values and Lookups

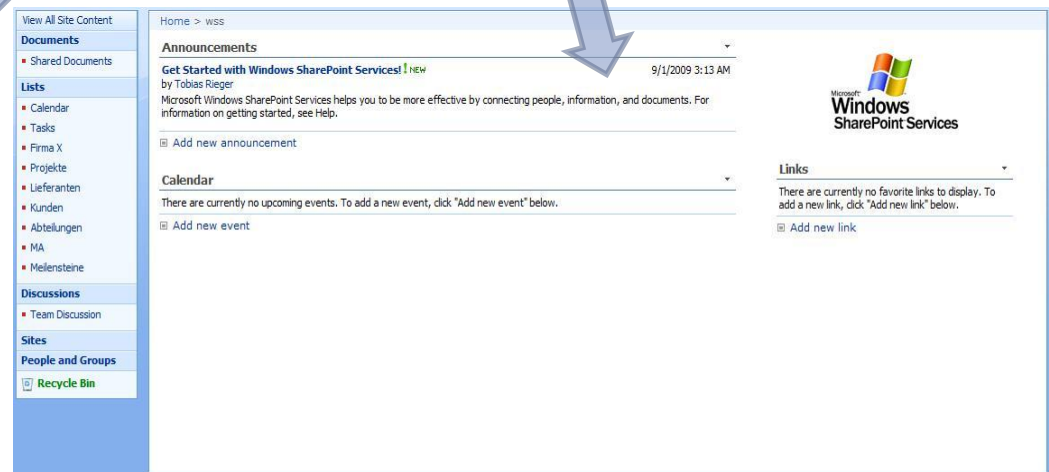
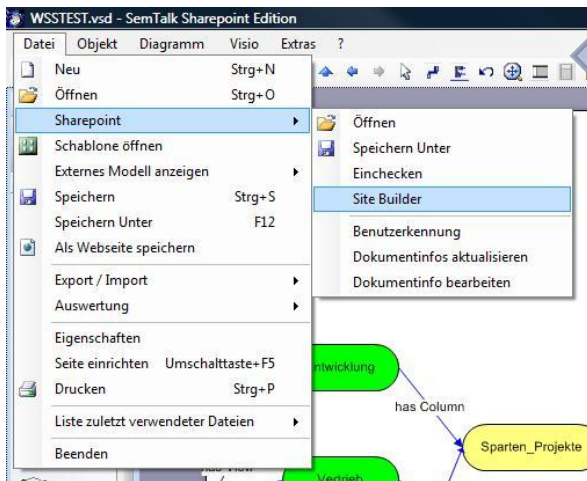
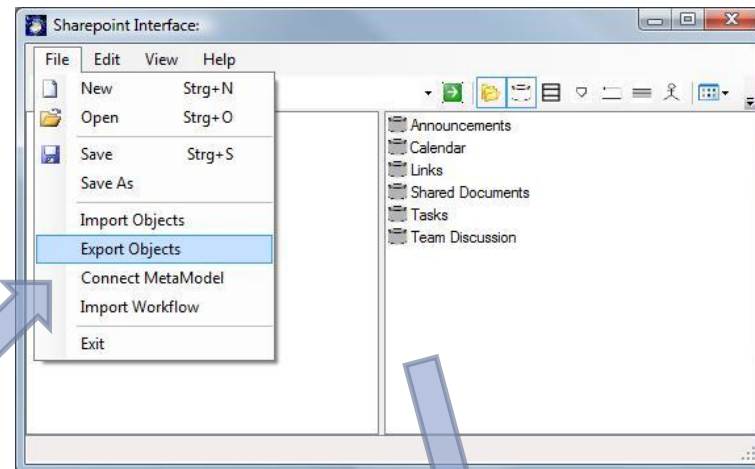


- Content Types are SemTalk Classes
- Items are SemTalk Instances
- You may setup attribute values and relations which are exported to Sharepoint

Export to SharePoint



- You can only export to existing Sharepoint Sites
- Incremental export is supported (some restrictions caused by Sharepoint apply)
- (ContentTypes and Folder view must be activated manually)



Screenshots of the resulting Site



The screenshot shows a Windows Internet Explorer browser window displaying a SharePoint site. The address bar shows the URL: `http://semtalk.mine.nu/foo/Lists/Flights/Departure%20Schedule.aspx`. The browser's menu bar includes "Datei", "Bearbeiten", "Ansicht", "Favoriten", and "Extras". The site's navigation bar includes "Home", "Cebit Process Team", "Document Center", "E2E", "News", "ObjectBase", "Reports", "Search", "Sites", "TestSite", "Buglog", "exp", "exp2", "exp3", "foo", "FraukesLib", "fussball", "SemTalk", "testfoo", "wss", "wss2", and "wss4". The main content area displays a "Flights" list with the following columns: "Type", "Title", "FlightNumber", and "DepartureTime". The list contains three items: "DelayedFlights", "OnTimeFlights", and "CancelledFlights", all of which are folders. Below these folders is a document entry for "LH345" with a flight number of "LH345" and a departure time of "11_00". The left sidebar contains navigation options such as "View All Site Content", "Documents", "Lists", "Discussions", "Sites", "People and Groups", and "Recycle Bin". The status bar at the bottom of the browser indicates "Fertig" and "Vertrauenswürdige Sites | Geschützter Modus: Inaktiv".

Type	Title	FlightNumber	DepartureTime
Folder	DelayedFlights		
Folder	OnTimeFlights		
Folder	CancelledFlights		
Document	LH345	LH345	11_00

Screenshots of the resulting Site (2)



The screenshot shows a Windows Internet Explorer browser window displaying an edit form for a flight item. The browser's address bar shows the URL: `http://semtalk.mine.nu/foo/Lists/Flights/EditForm.aspx?ID=5&Source=http%3...`. The page title is "Flights - AB123". The breadcrumb navigation is "Home > foo > Flights > OnTimeFlights > AB123 > Edit Item". The main heading is "Flights: AB123".

At the top right of the form area, there are "OK" and "Cancel" buttons. Below this is a toolbar with "Attach File", "Delete Item", and "Spelling...". A note states "* indicates a required field".

Content Type	IntercontinatalFlight
Title *	AB123
PlaneType	A320
FlightNumber	AB123
DepatureTime	10_00
hasAirline	(None)
hasConnectingFlight	(None)

At the bottom of the form, it says: "Created at 9/9/2009 1:48 PM by Christian Fillies" and "Last modified at 9/9/2009 1:48 PM by Christian Fillies". There are "OK" and "Cancel" buttons at the bottom right.

The browser's status bar at the bottom shows "Vertrauenswürdige Sites | Geschützter Modus: Inaktiv" and a zoom level of "100%".

Screenshots of the resulting Site (3)



The screenshot shows a Windows Internet Explorer browser window titled "Site Content Type Gallery - Windows Internet Explorer". The address bar contains the URL "http://semtalk.mine.nu/foo/_layouts/mngctype.aspx". The browser's menu bar includes "Datei", "Bearbeiten", "Ansicht", "Favoriten", and "Extras". The address bar also shows "Favoriten" and "Site Content Type Gallery". The page content includes a breadcrumb trail "Home > foo", a navigation menu with items like "Home", "Cebit Process Team", "Document Center", "E2E", "News", "ObjectBase", "Reports", "Search", "Sites", "TestSite", "Buglog", "exp", "exp2", and "exp3", and a main heading "Site Content Type Gallery". Below the heading, there is a description: "Use this page to create and manage content types declared on this site and all parent sites. Content types visible on this page are:". A "Create" button is visible, followed by a table of content types.

Site Content Type	Parent
exptest	
Airline	Item
DomesticFlight	Flight
Flight	Item
IntercontinatalFlight	Flight

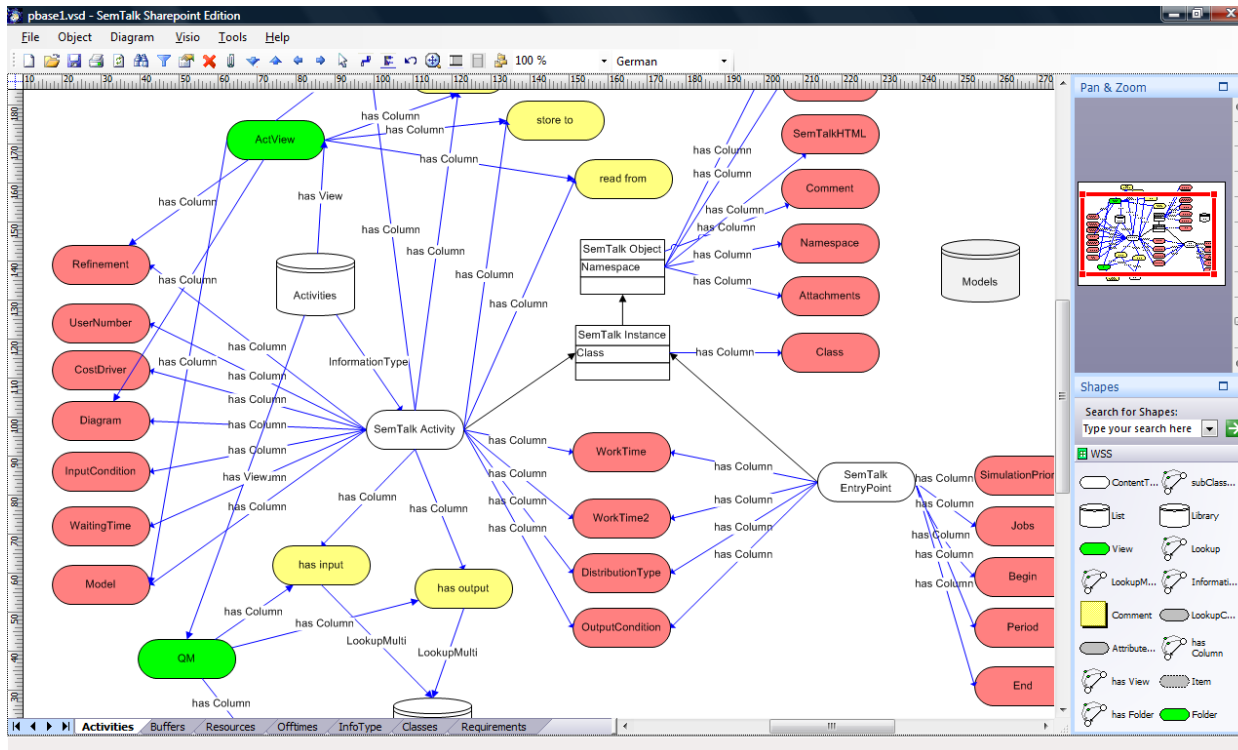
The status bar at the bottom shows "Fertig", a green checkmark, "Vertrauenswürdige Sites | Geschützter Modus: Inaktiv", and a zoom level of "100%".

Use Case: Process Portal



- Predefined ContentTypes which are mapped to the basic (Meta Meta-) Modelling Elements of the SemTalk process notations
- May be used to publish 3rd Party models e.g. from ARIS in Sharepoint Sites
- Editable Items instead of HTML. Users can add comments, feedback or change values (in case they are allowed to do so)
- Process based requirements management can easily be implemented using Sharepoint out-of the box solutions
- Content published to Sharepoint lists can be reused in other SemTalk Models or other Sharepoint Applications
- Sharepoint KPIs may be used with process elements
- Sharepoint KPIs may be visualized with Visio Data Graphics

Use Case: Process Portal



- Example for SemTalk Content Types
- Predefined ContentType which are mapped to the basic (Meta Meta-) Modelling Element of the SemTalk process notations
- Export/Import/Merging of process models with Sharepoint sites
- Editing of model elements (e.g. Requirements) on the Sharepoint site
- Sharepoint list are used to maintain reusable content

Screenshots



Activities - Windows Internet Explorer
http://semtalk.mine.nu/exp3/Lists/Activities/QM.aspx

Home Welcome Christian Filles | My Site

exp3

Home Cebit Process Team Document Center EZE News ObjectBase Reports Search Sites TestSite Buglog exp exp2 exp3 FraukesLib fussball SemTalk wss wss2 wss4

Home > exp3 > Activities

Activities

View: QM

Type	Title	has input	has output
Folder	Anfrage bearbeiten		
Folder	Auftrag bearbeiten		
Folder	Angebot erstellen		
Folder	Anlage ausliefern		
Document	1 Anfrage bearbeiten	Anfrage; Dokument	Anfrage; Dokument
Document	3 Auftrag bearbeiten	Auftrag	Anlage; Vorgangsmappe
Document	4 Angebot erstellen	Anfrage; Dokument	Auftrag
Document	5 Anlage ausliefern	Anlage; Vorgangsmappe	Anlage; Abrechnung; Abschlußdokumentation

Fertig Vertrauenswürdige Sites | Geschützter Modus: Inaktiv 100%



SemTalk

HumanResources - Windows Internet Explorer

http://semtalk.mine.nu/exp3/Lists/HumanResources/HumResView.aspx

HumanResources

Home > exp3 > HumanResources

HumanResources

New Actions Settings

Title	executes
Vertrieb	1.3 Kunde kontaktieren; 4.2 Angebot diktieren; 3.7 Auftrag nachverhandeln; 4.6 Angebot nachhaken; 1.1 Anfrage entgegennehmen 3.1 Auftrag prüfen
Werkstatt	6 Fertigungsteil fertigen; 7 Vormontage durchführen
Kunde	4.8 Angebot bestätigen; 4.7 Angebot prüfen
Geschäftsführer	1.2 Anfrage priorisieren; 3.4 Projektleiter installieren; 3.3 Projektleiter auswählen; 3.2 Auftrag bestätigen; 1.4 Kunde vorqualifizieren
Sachbearbeitung	1.5 Kunde anlegen; 4.4 Angebot schreiben; 4.3 Angebot senden; 3.9 Bürgschaft beantragen; 3.6 Auftrag eintragen; 8 Beschaffung Lieferantenangebot einholen; 4.10 Angebot abgelehnt eintragen; 5.7 Abrechnung durchführen; 5.2 Spediteur benachrichtigen; 8.1 Bestellung durchführen; 8.3 Lieferantenangebot vergleichen; 11 Lieferung überwachen
Elektriker	10 Elektroschnittstelle festlegen
Projektleiter	3.8 Anlage entwickeln; 3.8.1 Kundenerfordernisse erheben; 3.8.2 mechanische Schnittstelle festlegen; 3.8.3 Anlage konstruieren; untersuchen; 3.8.1.2 Foto machen; 3.8.1.3 Aufmaß nehmen; 3.8.3.1 Projektplan erstellen; 3.8.3.2 Beschaffung abstimmen; 5.1 T Einzelteilbeschaffung auslösen; 5.3 Endmontage durchführen; 5.5 Abnahme durchführen; 3.8.1.4 elektronisches Erfordernis erheben
Spediteur	5.6 Anlage transportieren
Lieferant	3.8.12 Fertigungsteil liefern; 8.5 Lieferantenangebot erstellen; 3.8.13 Lieferung zusammenstellen
Buchhaltung	9 Zahlungsstatus berichten

Vertrauenswürdige Sites | Geschützter Modus: Inaktiv

Links from HTML to Sharepoint and vice versa

