ALPHA FIVE VERSION 11 VIDEOS

NOTE: To see videos that were created for V10 please click here.
For the most part all of the V10 videos are still useful for Version 11.

Quick Links to Categories

MISCELLANEOUS GRID, TABBED UI AND PAGE LAYOUT COMPONENT FEATURES

Number	Category	Description
M1	Client-side Show/Hide Expressions can use Animation	The Grid and Dialog component both allow you to define client-side show/hide expressions to dynamically hide and show controls on a component. Now, you can associate an animation effect with each show/hide expression you define. This video shows how you can do this. Watch Video
M2	Group Headings in Grid	When a Grid is rendered it can be useful to break the Grid up into logical sections by inserting Group Breaks into the Grid. These videos show how this can be done for both tabular and snaking columnar Grids. Watch Video - Part 1 Watch Video - Part 2 Watch Video - Part 3
M3	Summary Values in Group Headers and Footers	You can include summary values in Group Headers and Footers. (Contrary to what the video says, this feature is supported on both SQL and .dbf tables). Watch Video

M4	Collapsing and showing rows in each Group	When you turn on Grouping in a Grid, it can be useful to collapse and show the rows in each Group. This video shows how this is easily done. Watch Video
M5	Scrollable Grids and Fixed Column Widths	If a Grid is set to display a large number of records, it can take up a large amount of vertical space on your page. You might prefer to specify a fixed amount of vertical space and then have the Grid scroll within the specified window size, keeping column titles and summary values fixed in place when the Grid is scrolled. This video shows how this is easily done: Watch Video
M6	Setting Multiple Properties at Once Using Xbasic	This video shows how you can use an Xbasic function when you are setting properties in multiple controls at once. For example, assume that you have built a component with many controls and you would like to wrap all of the control labels in language tags (<a5:r> and </a5:r>), so that you can internationalize your component. Note: This feature applies to both the Grid and the Dialog component. The video shows the feature in the Dialog component, but the feature operates in exactly the same way in the Grid. Watch Video - Part 1 Watch Video - Part 2
M7	Project Styles - Set the style of every component in one place to make it easy to change the style of every component at once.	This video shows how instead of hard coding the style used by each component in your project at Design Time, you can now set the style to <ProjectStyle>. The actual style to use is set in the Web's Project Properties dialog. Watch Video
M8	Default Value for New Records when doing data entry in the Grid Part.	The Grid allows you to enter new records directly in the Grid part, or in the Detail View part. The Grid builder allows you to specify default values for fields in new records. This can be done by either specifying the field's 'Initial Value' property, or by specifying code in the 'onInitialValueCalculate' event. In the case where data entry is done in the Grid Part (as opposed to the Detail View), the issue with the 'onInitialValueCalculate' event (which is a server-side event), is that it is only called once, when the Grid is initially rendered. So, if you enter a new record and then save that record, the event is not called before the next new record is displayed. This video shows how you can save the value of a field that was just entered inside the Grid's 'stateInfo' object, and then use the 'afterRowPopulate' event to retrieve that value and use it as a default in the next new record. Note: The .setValue() method is not used to set the value of the field in the new record row because this would cause the new record row to go 'dirty'. Instead we get a pointer to the element and then simply set its value property. Watch Video
M9	Tabbed UI - Tree Control	The Tabbed UI displays a series of buttons on the left hand button panel. These buttons open the various pages in your application and shown them in tabs in the Tabbed UI. Now, you can organize these buttons in a tree control layout. Watch Video - Part1 Watch Video - Part 2
M10	Auto-suggest Control - New 'Contains' option	The auto-suggest feature in the Grid and Dialog component displays a list of matches as the user types into a field. Previously, the control displayed matches that start with the characters that the user typed. Now, you can configure the control to display matches that contain the characters that the user has typed. Watch Video
M11	Global Update Operation to Update a Field in Multiple Rows in a Grid	When doing data entry into a Grid there may be times when the user wants to copy a value from one row to multiple rows in the Grid. Using Action Javascript is is easy to make a button that does

		a 'global update' operation on all visible rows in the Grid. It is important to recognize that the action shown in this video is a 'client-side' action. No data is actually written to the database until the user clicks the 'Submit' button. Watch Video
M12	Global Search and Replace Operation in a Grid	When doing data entry into a Grid there may be times when the user wants to perform a search and replace operation on the data the currently visible rows in the Grid. Using Action Javascript, it is easy to make a button does a 'global search and replace' on all visible rows in the Grid. It is important to recognize that the action shown in this video is a 'client-side' action. No data is actually written to the database until the user clicks the 'Submit' button. Watch Video
M13	Date picker, Date/Time picker and Time Picker	The Date picker in V11 has been substantially improved over the V10 date picker. It can be be configured as a date picker, date/time picker or time picker. It has a full Javascript event model. Many of the properties (such as the low and high date can be set dynamically using Javascript functions). These videos give a tour of the new features. Watch Video - Part 1 Watch Video - Part 2 Watch Video - Part 3
M14	Auto-suggest and Edit-combo Controls allow you to select multiple values	Both the auto-suggest and edit-combo controls allow you to enter multiple values in the field you are editing. For example, say you have a field called 'Send to' and you want to support a comma delimited list, such as 'Smith,Jones,King,Cohen' and you want the user to be able to select each entry in the list from the pick list. This video shows how either the edit-combo, or auto-suggest control can be used for this. Watch Video
M15	Using Action Javascript to toggle the show/hide state of any arbitrary DIV or 'container' using animation	Animation is built into many of the objects in V11, but there may be times when you want to animate some arbitrary DIV or container. This is now very easy using Action Javascript. You can define complex animations without having to write any code. Watch Video
M16	Changing the number of New Record rows shown in a Grid at run-time	In an updateable Grid, the number of new record rows shown is a property that is set at Design time. In some applications you might want to expose a property to the user to set this value at Run time. These videos show how you can do this. Watch Video - Part 1 Watch Video - Part 2
M17	Action Javascript - Open A Grid Component - How to Invoke a Server-side action when a Grid is Opened	When you have a client-side event handler (such as a button's onClick event), that opens a Grid (in a pop-up Ajax window, a div, a tabbed UI pane, etc), you might want to execute some Xbasic on the server before the Grid is executed on the server. This topic discusses how you can do this. Watch Video
M18	Grid and Dialog Component - Client-side Mask - Dynamically Setting the Mask at Run-time	You can now specify a Javascript function to dynamically compute the mask for a control. The Javascript function gets called every time the control gets focus. When the Javascript function gets called, it can read data in the current Grid row, (or Dialog) and compute the mask to use based on this data. For example, say you have a mask for a telephone number field. In the US, UK and Europe, different formats are used for telephone numbers. The Javascript function can decide what format string to return based on the current value of the 'COUNTRY' field.

		Watch Video
M19	Using jQuery Controls in a Dialog or Grid Component	V11 tightly integrates the jQuery Javascript Library. This video shows how you can use a jQuery UI control in a component. In the video we show a jQuery date picker, but the principle applies to other jQuery controls as well. Watch Video
M20	Grid Component - Setting Default Initial Properties - International Developers	The Options, Set Default Properties command in the Grid Builder has always allowed you to set default properties for the Grid when you create a new Grid. However, if you created a new Grid from a Template, the default properties that you set were not honored. They were only honored if you created a blank new grid. Now, the default properties are used even if you use a template. This makes it much easier to customize the Grid builder for developers whose native language is not English. Watch Video
M21	Grid Component - Search Part - Save and Load Search Criteria	You can now use the new Repository feature in V11 to save search criteria to the repository and load searches from the repository. Watch Video - Part 1 Watch Video - Part 2
M22	Repository Table - Managing Records in the Repository	This video is aimed at advanced used who use the Repository feature in V11. The video shows how you can create a Grid to manage the records in the Repository that 'belong' to the current component. For example, when you save search criteria from the Search Part of a Grid to the Repository, the search is saved with the GUID of the current component. This is important because when you load a saved search, you only want the user to see the saved searches that 'belong' to the current component. If you want to manage the records in the Repository, (by creating a Grid that is based on the Repository table), you might want to filter the records in the Repository based on the Guid of a particular component. Say you have a Grid called 'Customers' and you want to put a button on this Grid to show the Repository entries that belong to this Grid. You can do this by setting the filter on the target Grid to componentGuid = ComponentGuid() Watch Video
M23	Grid Component - Summary Fields - Styling Summary Values	You can now define inline styles for summary values. You can also use the new BeforeSummarySectionRender event to make the inline style conditional based on the value of the summary field. Watch Video
M24	Detail View - Animation	Regardless of where the Detail View is shown, it can be animated. This includes the 'OnPage' and 'InGrid' options. Watch Video
M25	Tabbed UI - Animating the Menu Panel	You can now animate the showing and hiding of the menu panel on the Tabbed UI Component. To enable animation, check the 'Animation' property in the 'Tabbed UI Properties' pane.

		Watch Video
M26	Ajax Windows - Animation	Animation effects have been added for pop-up Ajax windows. Important Note: Ajax windows that contain IFrames, which in turn contain display PDF files cannot be animated. As a result, the Animation property has not been made available for Ajax windows that host .a5w pages (since .a5w pages are hosted in an IFrame). There are several animation methods that have been exposed. The 'slide' and 'fade' methods are based on methods in the jQuery core library. All of the other methods are based on method in the jQueryUI library. By default, both of these libraries are loaded. The Web Project Properties dialog contains settings which control if these libraries are loaded, and from where they should be loaded. You can control the animation effect for the window display and the window close. You can also control the animation speed. Certain animation styles will mess up the positioning of windows. If you find this to be the case, you should stick with the 'Fade' style for the 'show' animation. Watch Video
M27	Grid Component - Tab and Accordion Controls - Animation	You can now animate the tab and accordion controls in the Grid component. You can control the animation method to hide and show panes. The animation methods are 'slide' and 'fade'. You can use one method to show the pane, and another method to hide the pane. For example, you might choose to 'slide' the pane into view, but 'fade' it out of view. Watch Video
M28	Tabbed UI/Page Layout Components - Animation	You can now animate the tab and accordion controls in the Button Pane of the Tabbed UI and Page Layout components. You can control the animation method to hide and show panes. The animation methods are 'slide' and 'fade'. You can use one method to show the pane, and another method to hide the pane. For example, you might choose to 'slide' the pane into view, but 'fade' it out of view. Watch Video
M29	Grid Component - Row Expander - Animation	You can now set animation options for when a row expander in the Grid is opened or closed. To turn animation on, check the 'Animate' property in the Row Expander section of the Grid Builder. Watch Video
M30	Automatic Backup of All Component Files	Whenever you edit a component, it is automatically backed up. By default, the backups are stored in the _backup.backup folder in your Web Project folder. You can specify where backups are stored by going to the Web Project Properties dialog. For example, you might want to store your backups on a different machine, or in a folder that is linked to your 'DropBox' account. If you store your backups in a DropBox folder, for example, then all of your backups will be automatically backed up into the 'cloud'. Watch Video
M31	Action Javascript - Open .a5w Page - New Options for the Target Window	This action now has additional options for the target. Previously, the target could be a pop-up Ajax window, a DIV or a Tabbed UI Page. Now you can also specify 'Browser window' to open the target page in a new browser window. When you select the 'Browser window' option, you can specify several different options to control different aspects of the browser window. Watch video
M32	Grid Component - Making a Grid Behave Like a Data Driven Accordion	Using the new 'Row expand method' property, you can make a Grid component behave like a data driven Accordion Control.

	Component	Watch Video
M33	Grid Component - Search Highlighting	The search highlighting feature highlights the strings in the Grid that match your search criteria. This makes it easy to see why a particular record in a Grid was selected when you executed a search. Watch Video
M34	Action Javascript - Opening PDF Files - New Options	PDF Documents - Tabbed UI, Page Layout, Grid and Dialog Components - All of these component allow you to create Javascript actions that open static PDF files, or dynamically generated PDF files (from Alpha Five reports). Now you can control several aspects of how the PDF in initially rendered. For example, you can set the zoom level to 50% and navigate to page 2 of the document. Watch Video
M35	Abstract CSS Class Names	V11 Introduces the concept of 'Abstract CSS Class Names'. When you design a Component, all of the HTML is now marked up using abstract CSS class names (e.g. [class.gridPartSelect]). A class map defines how the abstract CSS class name maps to the physical class names in your CSS stylesheets. This is a very powerful concept because it gives you very granular control over the styling of different elements in your components. These videos explain the concept in more detail. Watch Video - Part 1 Watch Video - Part 2

MAPPING AND GEOGRAPHY - USING MAPS IN THE ALTERNATE VIEW AND THE SEARCH PART Back to top

Number	**Category**	**Description**
GM1	Google Maps/Alternate Views- Introduction	Grids have a property called 'Alternate Views'. An Alternate View is simply another way of displaying the data in the Grid. You can define custom Alternate View (using Xbasic), or you can use one of the built-in Alternate Views. The most commonly used built-in Alternate View is a Google Map. This is used to plot the data displayed in the Grid as markers on a Google Map. The following videos show how you can use the Google Map Alternate View in a Grid. This video show: 1) Defining an Alternate View with a Google Map and showing a marker on the map for each record in the Grid. 2) Defining the bubble help for each marker on the Grid so that it shows data from the corresponding record in the Grid. Watch Video
GM2	Google Maps/Alternate View- Customizing the Marker Title and Info Box	This video continues from video GM1. The video shows how you can customize the 'info box' for each marker on the map. The 'info box' is a small window that pops up when the user clicks on a marker. The video shows how you can put any HTML that you want in the info box and how the html can include placeholders to include data from the corresponding row in the Grid. The HTML can also include Javascript commands. In the video we show how you can insert the Javascript to open the corresponding Detail View part for the current record.

		Watch Video
GM3	Google Maps/Alternate View-Dynamic Marker Icons-Alternate View Layout Options	This video continues from GM2. The video shows how the icon for each marker that is placed on the map can be dynamically specified. So, for example, if record 1 in the Grid was for a customer with a low credit rating, the corresponding icon on the map might be red. If record 2 was for a customer with a high credit rating, the corresponding icon on the map might be green. In the video we have a Grid based on our sample Airports table and we show how a different map icon is used depending on the elevation of each airport shown in the Grid. The video also discusses the different ways in which the Alternate Views can be shown on the Grid. Alternate Views can be shown in Tabs, or they can be shown on the main page, alongside the main Grid. Watch Video
GM4	Google Maps/Alternate View-More Alternate View Layout Options	This video continues from GM3. The video shows more options for how the Alternate Views and the main Grid can be displayed on the page. It shows how you can display the Alternate Views in accordions, tabs or on the main page. The video shows how you can even suppress the display of the main Grid part and only show the Alternate view. In the video, we show the map, with a marker for each row in the Grid. The Grid itself is hidden. However, when the user clicks on a marker, the Detail View for the current row in the (hidden) Grid is shown. Watch Video
GM5	Google Maps/Alternate Views-Dynamic Marker Circles	When you place a marker on a map you have control over the marker icon, bubble help and info box text. You can also draw a circle around the marker and you can control the color of the circle and the shading of the interior of the circle. The circle and its color can be used to convey information about the corresponding record in the Grid. The ability to draw a circle around the marker could be used to indicate the service area of a branch location. Or it might be used to represent the relative price of a house in a real estate application. For example,for more expensive houses you might draw a larger circle around the marker on the map. In this video, which shows a Grid based on the sample Airports database, we draw a circle around each marker on the map. The radius of the circle is proportional to the airport's elevation. Watch Video
GM6	Google Maps/Alternate Views-Dynamic Images and Image Sequences	When you place a marker on a Google Map, you have full control over the icon that is used. You can specify an expression that evaluates to the icon name to use for the marker. Or, you can specify an Xbasic function that will get called for each row in the Grid. The function can compute the marker icon based on the data in the current Grid row. You can also use built in image sequences. An image sequence is a set of numbered icons. In this video we show how you can use an image sequence in the map and also use the same sequence in the Grid itself. This makes it very easy for the user to see a record in the Grid and immediately locate the corresponding marker on the map. Watch Video
GM7	Google Maps - Layers	When you place a marker on a Google Map you can assign the marker a logical 'layer' name. For example the layer name for a marker could be 'High Risk', or 'Medium Risk', etc. Then using the

		automation features on the map that Alpha exposes, you can hide and show different layers on the map. For example, you might put a checkbox control on your Grid with these entries: High risk, Medium risk and Low risk. Then when the user checked or unchecked an entry, your Javascript automation code could hide or show the markers in the corresponding map layer. In this video we show how we have defined a map with 3 logical layers - 'layer1', 'layer2' and 'layer3'. When each marker is placed on the map is is assigned to one of these layers. In the example, the rule for assigning a marker to a particular layer is contrived - if the marker is for a record in the first 3 rows of the Grid, it is in 'level1', and so on. Obviously, in a real application you would have more realistic rules for assigning markers to different map layers. Then, we put a checkbox control in a free-form region of the grid to control which layers as shown. We also show how the markers in a particular layer can be animated to draw attention to them. Watch Video 1 Watch Video 2 Watch Video 3
GM8	Google Maps - Animating Markers	When markers are placed on a Google Map, you can specify that the markers should be animated as they are placed on the map. Two animation modes are supported: Drop and Bounce. The video shows how to use the animation effects. You can also use the Action Javascript to animate a marker after it has been placed on a map to draw attention to it. For example, you could click on a Grid row and cause the corresponding marker on the map to bounce. Watch Video 1 Watch Video 2
GM9	Google Maps/Alternate Views- Treating the Map as a Blank Canvas so that the Markers on the Map can be Added Programmatically	In the previous videos, the markers on the map have been added automatically. For each record in the Grid, a corresponding marker has been placed on the Map. However, you can specify that there should be no markers on the map initially. You would do this if you want to add the marker to the map with your own code. This video shows how you can turn off the automatic placement of markers on the map and then use Action Javascript to add markers to the map programmatically. The video shows a Grid with a list of states. Each row in the Grid has a button to populate the map with the 10 airports in the state with the highest elevation. When you click a button in the Grid row, an Ajax callback is made to place the markers on the map. Watch Video 1 Watch Video 2 Watch Video 3
GM10	Search Part - Geography Searches - Google Maps	Certain SQL databases (such as SQL Server, Oracle, DB2, MySQL, Postgres) support a special data type called 'Location'. If a table has a location field (which contains information about a record's position - latitude and longitude), then you can perform 'geography' searches. For example, you can find all records that are within x miles of a certain location, or all records that fall within an area marked by the latitude and longitude of 3 or more points. You can put a Google Map in the Search part of the Grid to make specifying geography searches easy. This video shows how you can put a Google Map into the Search Part and how Alpha Five automatically generates the Portable SQL to query the database. The video demonstrates both 'location' and 'radius' searches. Watch Video - Part 1

GM11	Search Part - Geography Searches - Google Maps - Show Search Results on Screen	This video continues from GM10. When you have a Google Map in the Search Part of a Grid you can use the Map to mark a search polygon or radius, as shown in the previous video. However, you can also display markers on the map to show the location of the records found by the search. In this video we show how the search results can be plotted on the map. A marker is placed on the map for each record found by the search. The video shows how you can customize the bubble help, title and info box for each marker that is placed on the map. The video also shows how the click action for each marker can be customized - you can use a built-in action, such as 'open Detail View', or you can define your own Javascript. Watch Video - Part 2 Watch Video - Part 3
GM12	Search Part - Radius Search - Sorting result by distance from the map center point.	When you do a radius search (i.e. find all records with a certain distance of a map center point), it can be useful to order the records by distance from the map center point. This video shows how this is easily done. Watch Video For more information on how the Grid in the video was configured, click here
GM13	How to use a Grid to implement a typical 'Store Finder' application.	A typical pattern often seen in web applications is a 'store finder' The user enters his location and clicks a button and a list of store branches that are closest to his location is retrieved. In this video we show how this type of application is easily built using a Grid component with a Search Part. (Note: To get a complete summary of how the Grid was configured for this example, scroll to the bottom of this page). Watch Video - Part 1 Watch Video - Part 2 Watch Video - Part 3 Watch Video - Part 4
GM14	Shows how to Update the Latitude and Longitude in the current Grid row when a Marker in the Map is dragged to a new Location.	In this video we show how the latitude and longitude value in the current Grid row can be updated when the user drags the marker to a new position on the map. Watch Video
GM15	Updating a Geography data type field automatically when a Longitude or Latitude Field is Changed	In order to perform a Geography search on a table, the table must have a special 'Geography' field (supported in certain SQL databases, such as SQL Server, MySQL, Oracle, Postgress, DB2, etc.). The Geography field is a special type of field that contains binary data, so you can't update its value as easily in your SQL INSERT or UPDATE statement as you can for regular fields. However, it is highly desirable to automatically update the value in the Geography fields in a record whenever a longitude or latitude value is changed. This video shows how this is easily accomplished in a Grid component. Alpha Five automatically generates the appropriate Portable SQL statement to update the Geography field whenever there are changes to the longitude or latitude field on which the Geography field is based. Watch Video - Part 1 Watch Video - Part 2

NEW DIALOG COMPONENT Back to top

Number	**Category**	**Description**
D1	Dialog Component - Overview	Overview of the Dialog Component - This video gives an overview of the Dialog component and contrasts it with the Grid Component Watch Video
D2	Dialog Component - Creating	Creating a new Dialog - This video shows how to create a new Dialog component. You can create controls one by one, or use one of several shortcut methods. You can also insert controls from a 'Control Library', and you can add your own controls to the Control Library. Watch Video
D3	Dialog Component - Editing in Tree and Wyswyig Mode - Setting Properties in Multiple Controls at Once	This video shows how you can edit the Dialog component properties in either Tree View or Wyswyig Mode. You can change multiple properties at once by pasting a property value from one control to multiple controls and you can also edit in the Xbasic view. Watch Video
D4	Dialog Component - Complex Layout Using Frames, Containers, Tabs and Accordions	This video shows how you use different types of containers - simple containers, frames, tabs and accordions to control the layout of a Dialog. By wrapping controls in containers and then turning on/off the breaks between containers, you can achieve complex Dialog layouts. Watch Video - Part 1 Watch Video - Part 2
D5	Dialog Component - Copying Controls from one Component to Another	This video shows how you can copy controls from one Dialog component to another. Watch Video
D6	Dialog Component - Repeating Sections	The Dialog Component can be used for 'Master-Detail' style forms. This is done by putting a 'Repeating Section' on the Dialog. Any controls that are inside the 'Repeating Section' will repeat as many times as you specify. At runtime, when the user is filling in the form, they can click a button to add a new row to the Repeating Section if they need more rows. This video shows how you can create a simple invoice form with a Repeating Section. The video then shows how you can define client-side calculated fields to show the extended total (Price * Quantity) for each row as data is entered and also client-side summary fields that sum the extended total for all of the rows in the Repeating Section. Watch Video - Part 1 Watch Video - Part 2
D7	Dialog Component - Submitting Data	This video shows how you can put a button on the Dialog to submit the data in the Dialog component to the server and then how the AfterDialogValidate event is fired where your Xbasic code can handle the event. Typically, your Xbasic event handler would save the submitted data to a table. You are free to write your own code to perform this task, or you can use Server-Side Action Scripting to write the code for you (as shown in a subsequent video) Watch Video
D8	Dialog Component - Validating Data	The Dialog component has an extremely rich set of features for validating data in the dialog. Validation rules can be defined declaratively, or using code (either Javascript for client-side, or Xbasic for server-side). Validation rules are evaluated on the client where possible (thus eliminating the need for an Ajax callback). Validation rules can be set to fire when the dialog is submitted, or immediately, when the user tabs out of a field. These videos discuss the various validation options in the Dialog component. Watch Video - Part 1 Watch Video - Part 2 Watch Video - Part 3

		Watch Video - Part 4 Watch Video - Part 5 Watch Video - Part 6 Watch Video - Part 7 Validating data in a Repeating Section Watch Video - Repeating Section - Part 1 Watch Video - Repeating Section - Part 2 In this video we show how the visual effects used in the sample dialogs shown in the above videos were created. Watch video
D9	Dialog Component - Genie Style	When building Dialogs that have a large number of fields, it is common to present the controls to the user in 'genie' or 'wizard' style. In this style 'page 1' of the Dialog is shown, with a next button at the bottom of the Dialog. When the user has entered data into the controls on page 1, pressing Next moves to page 2, and so on. Typically, the user cannot move to the next page until the data on the current page has been validated. This video shows how easy it is to create 'Genie' style Dialog components. Watch Video Watch Video
D10	Dialog Component - Data Binding - Creating Tables to Match the Dialog Layout	When you create a Dialog component, you will often want to store the data the the user submits in a table. In some cases, when you design the Dialog, you will already have an existing table. However, there may be cases where you design the Dialog first, and only then create the table into which the data will be stored. These videos show how you can design a Dialog component, and then automatically create one or more tables to match the structure of your Dialog component. Watch Video - Creating a Table from Dialog Definition Entering data into the newly created table Watch video - part 1 Watch video - part 2
D11	Dialog Component - Data Binding - Binding to Existing Tables	After you create a Dialog component, you may want to 'bind' the controls in the Dialog to one or more existing tables so that you can use Server-side Action Scripting to automatically enter data into tables. (You can't use Server-side Action Scripting until you have first 'bound' the Dialog to tables). In this video we show how you can bind the controls in a Dialog to a table. Once the controls have been bound, we then show how you can use Server-side Action Scripting to enter or edit records in the table. Watch Video
D12	Dialog Component - Creating Multiple Tables to match the Structure of a Dialog Component that has one or more Repeating Section	These next set of videos show how, if the Dialog has Repeating Sections, when you can create both the Master and Detail tables automatically. Alpha Five analyzes the structure of your Dialog and lets you create multiple tables, linked in either one-to-one, or one-to-many relationships. Watch Video - Creating Multiple Tables - Part1 Watch Video - Creating Multiple Tables - Part2 Next, the videos also show how Server Side action scripting can be used to insert, update and delete records in the tables. All of the SQL statements can be wrapped in a single transaction. Watch video - part 1 Watch video - part 2

D13	Dialog Component - Repeating Sections - Scrollable Containers	If you have a Repeating Section in a Dialog, you can put buttons below the Repeating Section to add or remove rows from the Repeating Section. When you add or remove rows, all of the controls on the Dialog that are below the Repeating Section will move up and down as the size of the Repeating Section changes. You might prefer to put the Repeating Section in a fixed size, scrollable container. When you scroll this container however, you want the titles for each column in the Repeating Section to remain fixed. This video shows how this is easily done. Watch Video
D14	Dialog Component - Eye candy - Adding free-form text to the Dialog	In this video we show how some nice visual effects can be added to a Dialog component. Watch video
D15	Dialog Component - Grid Component - Calling a Dialog Component from a Grid and then Passing Information from the Dialog to the Grid	A common design pattern is to open a Dialog component from a button on a Grid and then pass information from the Dialog back to the parent Grid. This video shows how this can be done. Watch Video
D16	Dialog Component - Setting Multiple Properties at Once Using Xbasic	This video shows how you can use an Xbasic function when you are setting properties in multiple controls at once. For example, assume that you have built a component with many controls and you would like to wrap all of the control labels in language tags (<a5:r> and </a5:r>), so that you can internationalize your component. In the video we show how this is easily done. Note: The feature shown here in the Dialog also applies to the Grid component. Watch Video - Part 1 Watch Video - Part 2
D17	Adding a Row Number to Each Row in a Repeating Section	This video shows how you can add a row number to each row in a Dialog Repeating Section. Watch Video
D18	Button Styling Options	This video shows you how you can make the buttons on the dialog look more interesting by including images on the buttons. (Requires build 3811 or above) Watch Video

CALENDAR COMPONENT FOR BUILDING SCHEDULING APPLICATIONS Back to top

Number	Category	Description
Cal1	Overview of the Calendar Component	The Calendar component allows you to display 'events' or 'appointments' in a Calendar view. This video gives a quick overview of the features of the Calendar component. In a subsequent video we show how to set up the Calendar component. Watch Video - Part 1 Watch Video - Part 2
Cal2	Setting up the Calendar Component	This video shows the steps to get started to set up and use a Calendar component in your application. Watch Video - Part 1 Watch Video - Part 2 Watch Video - Part 3 Watch Video - Part 4

Cal3	Dynamically Creating New Records in the Calendars Table	When the Calendar Component is opened, it can be configured to only display the events for a particular calendar. For example, you might have an 'Employees' table and you might have a Grid which shows the records in the Employees table. A button in each row of the Grid opens the Calendar Component showing the appointments for that particular Employee. However, if there is no matching record in the Calendar table for the Employee, it would be convenient to automatically create a new record in the Calendars table before opening the Calendar. This video shows how this is easily done. Watch Video

CUSTOM COMPONENT Back to top

Number	**Category**	**Description**
CC1	Custom Component	The Custom Component is for developers who want to generate the component using their own Xbasic code. These videos give a basic overview of the Custom Component. They explain what a custom component is, and show how the component can define arguments whose value can be passed in from the calling page or component. The videos shows how a custom component can be called from a Grid component and how the values of the arguments defined in the custom component can be passed in from data in the current Grid row. Next the videos demonstrate a more realistic example where the Custom Component is used to define a pie chart displaying the breakdown of items on an order. Watch Video - Part 1 Watch Video - Part 2 Watch Video - Part 3

IMAGE GALLERY COMPONENT AND HTLM5/FLASH VIDEO COMPONENT Back to top

Number	**Category**	**Description**
IG1	Quick Start	The Image Gallery is a powerful component for displaying images in a Web or Mobile application. This video shows how easy it is to get started with the Image Gallery Component. Watch Video
IG2	Overview of Image Gallery	Overview of the Image Gallery Component Watch Video
IG3	Using the Image Gallery in a Tabbed UI Component	Watch Video
IG4	Calling the Image Gallery from a button in a Grid	Watch Video

V1	Build Video into your apps and automatically adapt to	Alpha Five v11: Overview new YouTube, HTML5 and Flash Video Player

	desktop/laptops as well as smartphone and tables where Flash or HTML5 is the preferred video player	Component. Alpha Five v11 Video for YouTube HTML5 Flash Video Controller Details

REPORTING Back to top

Number	Category	Description
R1	Reports - Embedded Charts	This video shows how charts can be embedded into an Alpha Five report. Watch Video - Part 1
R2	Reports - Adding a Chart to the Sample Invoice Report	In Video R1 we showed how you can add a chart to a report. In that video, the data source for the chart was set to 'Table'. In this video we show how a chart can be added to the sample 'Invoice' report in the sample 'AlphaSports' application that ships with Alpha Five. In this video, the data source for the chart is set to 'Report', which means that the data used in the report is used for the chart, rather than a separate query. By setting the data source to 'Report' the chart can use all of the calculated fields and summary fields that the report calculates. Watch Video

STYLE BUILDER Back to top

Number	Category	Description
SB1	Introduction to the Style Builder	The Style Builder, which is used to edit the appearance of Components in a Web Application, has been completely re-written in V11. It is now no longer just a Grid style editor. It is used to edit the style of all Components - Grid, Dialog, Tabbed UI, etc. This video gives an overview of the new Style Builder. Watch Video
SB2	Creating a New Style from a Template	When you create your own custom Styles for use in a Web Application you can either start by editing one of the built-in Styles (such as GrBlue - the 'Gr' prefix indicates that the style is a 'Gradient' style), or you can create your new style from one of the built-in Templates. A 'Template' is a style that has no colorization. Everything (all CSS colors, all Icons etc.) are just shades of grey. When you create a new style from a Template, you use hue, luminance and saturation sliders to adjust the color of your new style. This video shows how this is done. Watch Video
SB3	Adjusting the Colors in an Existing Style	After you have created a style you might want to make adjustments to the overall color of the style. Visiting each selector in the CSS stylesheet to make an adjustment would be tedious. You can make adjustments to all of the colors used throughout the style at once, as shown in this video. The color adjustments that you make here are all 'relative'. I.e. you add more saturation, or

		luminance to every color used in the style. Watch Video
SB4	Understanding the 'Part' Tab in the 'Manager' Panel in the Style Builder.	This video explains the purpose of the 'Part' tab in the 'Manager' panel of the Style Builder. It allows you to quickly see and edit the selectors used in a style. Watch Video
SB5	Understanding the 'Selectors' Tab in the 'Manager' Panel in the Style Builder.	This video explains the purpose of the 'Selectors' tab in the 'Manager' panel of the Style Builder. It give you direct access to the selectors used in the CSS style. Watch Video
SB6	Understanding the 'Icons' Tab in the 'Manager' Panel in the Style Builder.	This video explains the purpose of the 'Icons' tab in the 'Manager' panel of the Style Builder. It gives you full control over the icons that are used in your style. Watch Video
SB7	Understanding the 'Settings' Tab in the 'Manager' Panel in the Style Builder.	This video explains the purpose of the 'Settings' tab in the 'Manager' panel of the Style Builder. This tab gives you access to certain style settings that are not part of the CSS file. Watch Video
SB8	Understanding the 'Edit' Panel in the Style Builder	The 'Edit' panel in the Style Builder is where you can edit the actual CSS in the style. This video shows how to use the 'Edit' panel. Watch Video
SB9	Understanding the 'Background' Genie in the 'Edit' Panel - Generating Interesting Backgrounds for Elements in a Component	When editing the CSS background of an element in a Component, you are not limited to boring solid backgrounds. There is a powerful genie in the Style Builder for generating complex gradient and patterned backgrounds. This video explains how to use the 'Background' genie. Watch Video
SB10	Understanding the 'Help' Panel in the Style Builder	The Style Builder integrates a help system that explains the purpose of the various selectors in the style. Watch Video
SB11	Understanding the 'Assets' Panel in the Style Builder	The 'Assets' panel shows you all of the colors and icons used in a style. The 'Assets' panel exposes powerful editing features for making changes to the colors and icons used in the style. Watch Video
SB12	Introduction to 'Design Mode' in the Style Builder.	This video introduces you to the 'Design Mode' in the Style Builder. It shows how you can interact with the preview of the style elements to select and edit style settings. Watch Video
SB13	Using the 'Appearance' Tool in the 'Design Mode' of the Style Builder	This video discusses the 'Design Mode' of the Style Builder in more detail. It shows you you can use the 'Appearance' tool to copy/cut/paste appearance from one element to another. It also shows how you can clear the appearance settings of an element. Watch Video
SB14	Using the 'Asset' Tool in the 'Design Mode' of the Style Builder	This video discusses the 'Design Mode' of the Style Builder in more detail. It shows you you can use the 'Asset' tool in 'Design Mode'.

		Watch Video
SB15	Searching in a Style	The Style Builder has powerful search features, including search and replace features. This video explains how you can use the search features of the Style Builder. Watch Video
SB16	Scaling Fonts in a Style	Sometimes you want to make all of the fonts in a style bigger or smaller. This video shows how this is easily done in a single global operation. You don't have to edit each font size CSS selector individually. Watch Video
SB17	Converting a Legacy Style to a new Style	The CSS for styles in V11 is quite different from that used in previous versions. The Style Builder allows you to convert a legacy style to a V11 style. This video explains how to go about converting a legacy style. Watch Video

DESKTOP APPLICATIONS Back to top

Number	**Category**	**Description**
DT1	Layout Editors - Control Libraries	When you are editing a Layout (e.g. Form, Report, etc.), you can select one or more controls and then place them in a 'Control Library' on the Toolbox. Controls in the Control Library can be placed on any Layout. This video shows how you can add controls to the Control Library, and then use controls that you previously added to the Control Library. Watch Video
DT2	Layout Editors - Embedded Charts	Alpha Five V11 introduces a powerful charting engine. Charts can be used in Form, Reports, Labels, Letters, Xdialogs, and Web Components. This video shows how a chart can be embedded into a form. Watch Video - Part 1 Watch Video - Part 2
DT3	Charts - Xdialog Examples	The charting features in V11 can be used in Xdialogs. The following video show how you can embed custom charts in your own Xdialogs. Watch Video The Xdialogs shown in the above video are all in the sample 'Learning Xdialog' database that ships with V11. Since there are many example scripts in 'Learning Xdialog' that would be useful to have quick access to, regardless of which database you are working in, we show in this video how you can easily create a Code Library from the examples in 'Learning Xdialog'. Watch Video
DT4	Forms - Embedded Charts - Charting Summary Data	The charts that you embed on a Form or Report can plot summary data. The charts can either be defined declaratively, or you can use custom Xbasic. These videos show how a chart that summarizes attendees at a seminar by state can be defined using the built-in Chart Genie, or using Xbasic. The sample database used in the videos can be be downloaded here.

		Watch Video - Part 1 Watch Video - Part 2 Watch Video - Using Xbasic - Part 1 Watch Video - Using Xbasic - Part 2

OPTIONAL V10 FEATURE PACKS - NOW INCLUDED AS PART OF V11 Back to top

V10FP1	Advanced Search Layout Options (Note: This Feature Pack is sold as an optional add-on in V10, but is included with V11.) More Information	The 'Advanced Search' Feature pack for the Grid component allows you to: • Embed Search Part in the Grid (above, or below Grid titles) • Embed a free-form Search Part in the Grid (above, or below Grid titles) • Animate the Search part when it is hidden/shown Watch Video - Part 1 Watch Video - Part 2 In addition, the 'Advanced Search' Feature pack also allows you to: • Define custom sort expressions Watch Video
V10FP2	Tree-control Navigator (Note: This Feature Pack is sold as an optional add-on in V10, but is included with V11.) More Information	The Tree-control Navigator displays a tree-control on the page. When the user makes a selection in the tree-control you can optionally filter the associated Grid component. In other words, the tree-control is used to navigate in the Grid. Hence the name 'tree-control navigator'. The following videos demonstrate the Tree-control navigator in more detail. Watch Video - Part 1 Watch Video - Part 2
V10FP3	Using Grid Components on the Desktop (Note: This Feature Pack is sold as an optional add-on in V10, but is included with V11.) More Information	The Grid Component in Desktop Applications Feature Pack allows you to use a Grid Component in a Desktop application in two different ways: 1. Embed a Grid Component into a Form 2. Use Action Scripting to open a window that contains a Grid Component. Watch Video - Embedded a Grid in a Form Watch Video - Using Action Scripting to open a Grid Component in a Desktop Application - Part 1 Watch Video - Using Action Scripting to open a Grid Component in a Desktop Application - Part 2
V10FP4	Database Upsize Genie (Note: This Feature Pack is sold as an optional add-on in V10, but is included with V11.) More Information	The Database Upside Genie is for developers who have developed a Desktop Application in Alpha Five that uses Alpha Five's native .dbf tables for data storage. The Genie allows you to 'upsize' your application to use a SQL database for data storage. There are many benefits to using a SQL database for the data storage in your application. These benefits include: • More robust data storage • Much more scalable - you can have many more simultaneous users of your application. (The gating factor is no longer Alpha Five, but the scalability of your SQL database!) • Better multi-user performance

		• True client/server architecture • Multi-user applications that work over IP networks (i.e. the Internet) Watch Video - Part 1 Watch Video - Part 2 Watch Video - Part 3
V10FP5	Flying Start Genie (Note: This Feature Pack is sold as an optional add-on in V10, but is included with V11.) More Information	The Flying Start Genie allows you to get a quick start on a new Web Application by automatically creating a Grid component for every table and view in your Database. The Genie also creates a Tabbed UI component which serves as your 'home page' for your auto-generated application. The Flying Start Genie can be used against both SQL databases and native Alpha Five databases (.dbf tables). Once the Flying Start Genie has created the Grid components, you can edit any of the components in the Grid Component editor and customize any of their properties. By default, the Grids that are automatically created for you have a Search Part and a Detail View Part. The Grids are editable and the edits are made in the Detail View part which is set to display in a pop-up, modal window. You can easily change these defaults for all of the Grids that are created, or for individual Grids. Watch Video - Part 1 Watch Video - Part 2
V10FP6	Export to Excel/Ascii From Grid Component (Note: This Feature Pack is sold as an optional add-on in V10, but is included with V11.) More Information	The 'Export to Excel, Ascii or Custom Format' Feature Pack allows you to export data from a Grid component to a file that can then be downloaded from the server to the user's machine where the file can be saved to user's machine. The Feature Pack allows you to: • Export all of the data in the Grid • Export data for only the records in the current Grid query • Export data from all of the fields in the Grid • Export data from selected fields in the Grid • Export data from some other table (other than the table(s) on which the Grid is based) • Export data in Excel, comma delimited Ascii, or tab delimited Ascii format. • Export data in any user defined format. • Call server side and client side events to completely customize how the Feature Pack works. • Limit the number of records that are included in the exported file (to prevent users from downloading files with massive numbers of records). • Put an 'Export to Excel' button in the Grid toolbar. Once the Feature Pack is installed, its functionality is exposed in two ways: 1. A new action is available in Action Javascript 2. A new property is available in the Record Navigator/Grid Toolbar section. Watch Video - Part 1 Watch Video - Part 2 Watch Video - Part 3 Watch Video - Part 4
V10FP7	Image Upload	The Image Upload Feature Pack allows you to upload images from the user's machine to the server.

	(Note: This Feature Pack is sold as an optional add-on in V10, but is included with V11.) More Information	Here are some of the things you can do with the Image Upload Feature Pack: • Define a button that will upload an image to the server and store the filename of the uploaded image in a field in the current Grid record (this is a 'linked image') • Define a button that will upload an image to the server and store the binary contents of the file in a BLOB field in the current Grid record (this is an 'embedded image') • Scale the uploaded images before that are saved. You can scale the image by specifying a percentage of the source image, or you can specify absolute dimensions (in either inches or pixels). • Optionally preview how the image looks in the Grid after is has been uploaded, and then undo the action. • Turn on the 'Insert image' button in the HTML editor (used for editing memo fields in the current Grid record) so that you can upload images to the server and then put the image in the HTML memo that you are editing. • Note: If you have the optional File Upload Feature Pack, then there is also an 'Insert linked file'' button that you can display on the HTML Editor toolbar. This allows you to upload files to the server and insert hyperlinks to these files in the HTML memo that you are editing. Watch Video - Uploading Images - Part 1 Watch Video - Uploading Images - Part 2 Watch Video - Uploading Images - Part 3 Watch Video - Uploading Images - Part 4 Watch Video - Uploading Images - Part 5 Watch Video - Uploading Images into the HTML Editor
V10FP8	File Upload (Note: This Feature Pack is sold as an optional add-on in V10, but is included with V11.) More Information	The File Upload Feature Pack allows you to upload files from the user's machine to the server. Here are some of the things you can do with the File Upload Feature Pack: • Define a button that will upload a file to the server and store the filename of the uploaded file in a field in the current Grid record (this is a 'linked file') • Define a button that will upload a file to the server and store the binary contents of the file in a BLOB field in the current Grid record (this is an 'embedded file') • Turn on the 'Insert file' button in the HTML editor (used for editing memo fields in the current Grid record) so that you can upload files to the server and then put a hyperlink to that file in the HTML memo that you are editing. • Note: If you have the optional Image Upload Feature Pack, then there is also an 'Insert image' button that you can display on the HTML Editor toolbar. This allows you to insert images in the HTML memo that you are editing. Watch Video - Quick Overview Watch Video - 'File Upload' - Part 1 Watch Video - 'File Upload' - Part 2 Watch Video - 'File Upload' - Part 3 Watch Video - 'File Upload - User Defined' Advanced Example - Part 1 Watch Video - 'File Upload - User Defined' Advanced Example - Part 2 Watch Video - 'File Upload - User Defined' Advanced Example - Part 3 Watch Video - 'File Upload - User Defined' Advanced Example - Part 4 Watch Video - Uploading Files into the HTML Editor

V10FP9	File/Image Download (Note: This Feature Pack is sold as an optional add-on in V10, but is included with V11.) More Information	The File Download Feature Pack allows you to define an action for an event in your Grid (such as when a user clicks a button) that downloads a file from the server to the user's machine. Using the Feature Pack, you can: • download can be any allowed file type from any location on the server (it does not have to be in the webroot), or from any other machine that the server can see. • download an embedded object in the table that the Grid is based on. For example, your Grid might be based on a table with a BLOB field in which you have stored embedded PDF, or Excel files. • download images that are stored in image fields (either linked or embedded images) in the table the Grid is based on. Watch Video - Quick Overview Watch Video - In Depth Part 1 Watch Video - In Depth Part 2
V10FP10	Reports - Table of Contents, Bookmarks and Index (Note: This Feature Pack is sold as an optional add-on in V10, but is included with V11.) More Information	This feature pack allows you to add the following features to Reports that you create in Alpha Five: • Table of Contents • Bookmarks • Index You can completely customize the entries that are made in the Table of Contents, Bookmark section and Index. In addition, you can completely customize the layout of the Table of Contents section and Index section. The entries that appear in the Table of Contents, Bookmark section and Index are 'live' - if you click on an entry, you will be navigate to the appropriate page in the report. In addition, when you print the report to a PDF file, the Table of Contents, Bookmarks and Index are live. Watch Video - Part 1 Watch Video - Part 2
V10FP11	Action Buttons in Grid Components (Note: This Feature Pack is sold as an optional add-on in V10, but is included with V11.) More Information	The Action Buttons Feature pack allows you to add buttons to the following parts of a Grid component: • Grid toolbar • Detail View toolbar • any of the free-form areas that surround the Grid, Detail View or Search part • the Master Template • inside the Detail View layout Watch Videos - Part 1 Watch Videos - Part 2 Watch Videos - Part 3
V10FP12	Grid Component - Import Excel or Ascii Files (Note: This Feature Pack is sold as an optional add-on in V10, but is included with V11.) More Information	The File Import Feature Pack allows you to add a button to a Grid component that will upload a file from the user's machine to the server and then import the data in the uploaded file. The following types of files can be uploaded: • All Excel file types (.xls, .xlsx) up to and including Excel 2010 • Comma delimited ascii files The data in the uploaded file can be imported into:

		• the table that the Grid is based • an external table, unrelated to the table that the Grid is based on. Watch Video - Part 1 Watch Video - Part 2 Watch Video - Part 3
V10FP13	Grid Component - Generic User-Defined Pop-up Window (Note: This Feature Pack is sold as an optional add-on in V10, but is included with V11.) More Information	The 'Generic User-Defined Pop-up Window' Feature Pack allows you to open pop-up windows on your Grid component. This is extremely useful in creating highly customized user interfaces in your Grid. There are four different ways to populate the contents of the window. These are: • Make an Ajax callback to the server where an Xbasic function that you specify will compute the HTML to display in the window • Call a Javascript function that will compute the HTML to display in the window • Define the HTML to display in the window at the same time you define the action. • Display the contents of a hidden DIV in the window. The pop-up window you create be: • modal • modeless • dropdown windows Watch Video - Part 1 Watch Video - Part 2 Watch Video - Part 3 Watch Video - Part 4 Watch Video - Part 5
V10FP14	Grid Component - Custom Help Windows (Note: This Feature Pack is sold as an optional add-on in V10, but is included with V11.) More Information	The Custom Help Windows Feature Pack allows you to create help windows for the Grid components in your Application. Here are some of the things you can do with the Custom Help Windows Feature Pack: • Define a button that appears in the Grid Part toolbar. When the user clicks on the button, a pop-up window appears showing help. • Define a button that appears in the Search Part toolbar. When the user clicks the button, a pop-up window appears showing help. • Define a button that appears in the Detail View toolbar. When the user clicks the button, a pop-up window appears showing help. • Define help for individual fields in the Grid Part or Detail View part. • Field level help is displayed when the user presses the F1 key when the field has focus. • You can optionally display a 'help icon' next to a field to indicate that there is help available for that field. The help icon can be displayed to the left or right of the field. • You can configure the help icon to show the help when the user clicks on the icon, or simply holds the mouse over the icon. • If you configure a field help icon to show the help when the user holds the mouse over the icon, the help is displayed after a 500 ms delay, and is automatically dismissed when the user moves the mouse away from the icon. • You can control whether field level help is displayed in a modal, modeless or dropdown window. • You can use a new action in Action Javascript to open a help window in response to any Javascript event.

		Watch Video - Part 1 Watch Video - Part 2 Watch Video - Part 3 Watch Video - Part 4 Watch Video - Part 5 Watch Video - Part 6

How the Grid Was Configured in Video GM12

1. Grid Properties

To place the Search Part to the Left of the Grid part, check the 'Use a master layout template

' property and set the 'Master layout template style' to 'Table - Horizontal Layout'.

2. Search Properties

To turn off the Search Part toolbar, in 'Search Options' set the 'Toolbar position' to 'none'.

3. Search Field Property

To turn off the label that appears to the left of the map, select the map field and set the 'Row label' to blank.

4. Map Properties - These are the properties that were set for the Map field in the Search Part

'Search type' - set to 'Radius'

'Sort radius search by distance from center point' - checked

'Show search results on map' - checked, then fill in the 'Latitude expression' and 'Longitude expression'

'Marker icons' - select 'Built-in image sequence' and then 'Green:1-20'

'Center Map' prompt instructions - set to 'Enter a city name or zip code
'

'Center Map' button bubble help - set to 'Center the map on an address'

'Center Map' execute button text - 'Find the closest airports'

'Center Map' prompt initial state - set to 'Open'

'Hide 'Center Map' prompt after execute' - Uncheck this. This will leave the 'Center Map' prompt open after the user

has centered a map on a new point. By default, the prompt is hidden when the user executes the action, and then the

user must click the 'Center' button to re-display the prompt.

'onSetMapCenterPoint event' - set to 'userSetRadius' - (note: in the vide this prompt is called 'onSet event') this is the

name of a Javascript function to call when the user clicks the button to set a new center point for the map. When the use

r clicks this button we want two things to happen: a) the map should be centered on the new address, and b) the search

should actually be executed. We do not want the user to have to click the Search Part's 'Search' button (which has been hidden).

The name of the function you specify here is completely arbitrary. If could just as well be 'foo'. You will then need do go the

'Javascript Functions' section in the Grid to define this function.

'Initial map radius' - set to 10 miles.

'Map circle color' - set ot #d9e2d9 - this makes the map circle that is drawn around the map center point invisible.

In this particular application, we don't want to actually see the circle drawn around the map center point.

'Toolbar position' - set to 'Above'

'Customize map toolbar template' - set to:

```
<span style="display:none;">{toolbarParts.setRadius}</span>
{toolbarParts.centerMapPrompt}
```

The {toolbarParts.centerMapPrompt} placeholder represents the textbox where the user types in the address on which the map

should be centered. This placeholder also includes the button that the user clicks to do the action.

The {toolbarParts.setRadius} placeholder represents the prompt where the user enters the search radius and the button that the

user clicks to set a new radius on the map. In this application, we don't want to display this prompt or show the 'Set' button because

we have hard-coded the search to use a 10 mile radius. However, we can't simply leave the prompt out of the toolbar

because then the search will fail. That's because when the search is executed the radius of the search area needs to be

submitted to the server and if the radius field is not in the Search Part, no radius value is submitted. Therefore we MUST include

the {toolbar.setRadius} placeholder, but we can hide it, which we do by wrapping it in tags and setting the style on

the to display:none.

5. Javascript

In the Javascript Functions section, define this event:

```
function userSetRadius() {
   {grid.Object}.submitSearchForm()
}
```

6. Icons in the Grid

To place icons in the Grid so that there is matching icon in each Grid row to the icons shown in the Search Part, go to the Grid,

Fields section and click the 'Insert...' hyperlink. Insert a new 'Image' control and set the image to use the same built-in

image sequence as the Search Part.

http://www.ajaxvideotutorials.com/V11Videos/

http://www.ajaxvideotutorials.com/V11Videos/DT/