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Chapter 1 : IBM Cognos Analytics: Author Active Reports (v) - Global Knowledge

IBM Cognos Active Report is a report output type that was introduced in IBM Cognos Business Intelligence that allows professional report authors to create interactive reporting applications. The following sections will highlight the features, use cases and deployment options for IBM Cognos Active Report.

A Cognos Active Report is essentially a standalone report that can be viewed offline disconnected from the network, but still contain all the interactivity of a live connected report including drill through and drill downs to detail. This allows your report consumers to receive for example, a highly interactive dashboard report via email, where they can open it up on the road at any time and be able to interrogate the information in any way as if they were connected to a live system. Advantages As mentioned above, the 2 key features Active Reports provide is greater user interactivity with disconnected content. Traditionally, reports built in Cognos had to either be interactive HTML reports, accessed through an internet browser from the Cognos portal and executed upon connected data sources, or static report outputs such as PDF or Excel. The Active Report bridges the gap between these two types of reports by extracting the required data and pre-processing it into all possible variations and packaging it up for offline consumption. Even though Active Reports are disconnected, they can be extended to include drill-throughs to live data as long as the user has access to Cognos connection, giving users access to offline and online content. While that may be a bit of a stretch, the response time to user interactions is almost instantaneous due to the pre-aggregated and pre-calculated nature of these reports. Active reports are subject to all of the normal security available in Cognos, including bursting and report access. When the output is accessed outside of the Cognos solution, a password can be placed on the file so that only authorised people can view its content. Active Reports are ideal for accessing on mobile devices such as mobiles and tablets. Disadvantages The execution time for Active Reports can sometimes be prohibitive. This is due to the fact that the reports extract all data required for all possible combinations of prompt selections and also have to pre-aggregate and calculate where possible. Some Active Reports can take hours to generate. There are techniques that can be followed to help minimise report execution times, but sometimes due to source system complexity and functionality requirements, execution times can still be excessive. Prompt combinations need to be considered carefully. For example, if you have a crosstab that needs to be filtered by Product, Customer and Date as well as the ability to swap rows and columns, the possible combinations a user can select would probably number in the thousands, if not tens or hundreds of thousands. When the system is building the report, it has to generate the output for all of the combinations, which could result in long run times, large files and poor performance. Having lots of charts can affect the performance of the reports as the chart image needs to be stored in the output file. The size of the XHTML file can significantly affect performance, generally speaking, the larger the file, the slower the report responds to user interactions and a lag can be seen. Again, there are techniques that can be used to try reduce the size of the file, but sometimes they do get quite large. As a general rule, once the file exceeds around 10MB performance starts to suffer, although it does depend on the reason why the file is large. Printing is limited to browser printing or screen capture image printing. The output cannot be exported to something like PDF or Excel for additional printing options. Use Cases In our experience, the most common reason for implementing Active Reports is the performance of the source systems. As Active Reports extract the data and pre-process it, the performance of an AR compared to running against the source system is far superior. Interactions including filtering, sorting, view change, etc. Filling in prompts Waiting for the report to execute Waiting for the report to render Repeat when you want to change a prompt value. The other main use case we find is, being disconnected, especially for those out on the road facing clients or suppliers. Sales people and logistics managers are able to take a device such as an iPad out on the road and discuss figures or performance with people in an interactive fashion without the need to be connected to the office. There has been good adoption of these reports when delivering dashboards due to their visually appealing nature and superior performance. Active reports are ideal for distribution to external customers as they provide an interactive experience for the users, but significantly reduce the risk and complexity of opening up the organisation to external parties

directly accessing data. Development Considerations Our experience has been that the time to build Active Reports is longer than that of a traditional report. This is not because they are harder to build or more laborious, but generally because users try to fit more functionality into the report than they would a traditional report. There also has to be a switch in the developers mind from traditional report writing, almost to that of building an application. The developer has to plan out what the report will look like, where objects will be placed and how they will interact with each other. There is a shift from focussing on the query to focussing on the user interaction and experience. Active reports have certainly assisted many of our clients who were facing performance issues or who needed to disconnect and take their reports with them on the road. Now that Active Reports have been around for a few years there is plenty of content available online for techniques, tips and tricks. This is a comprehensive, easy to read resource that many developers reference on a regular basis. These videos range from high level demo videos to detailed problem specific ones.

Chapter 2 : IBM Multi-select data list box not working with crosstab for Active Reports - United States

Active Reports are intended to be stand alone reports. I suspect the only way to get a drill thru to work is to code the URL in an HTML item.

Technical Details Views 2 Likes Recipes are community-created content. They are neither monitored nor endorsed by IBM. If you find inappropriate content, please use Report Abuse to let us know. For more information on community content, please refer to our Terms of Use. Any Skill Level Basic to intermediate levels This article is intended or focused mainly to have informed decision as to when to choose developing an active reports or normal reports or Dashboards. MHT file that can empower users in data exploration and analytics. The reports are similar to PDF files as they are static files with self-serving data. Inevitably, report developers and data analysts want to know when is the right time to implement an Active Report? Below article is focused to detail out the advantages of Active Reports verses standard report deployments as well as the benefits of a standard report deployment verses an Active Report. Being that a portion or subset of data is stored directly in the Active Report, the information can be sent via Cognos Mobile server, or loaded directly through iTunes onto the iPad. The user can then work, disconnected from the internet, and still navigate their data. This enables mobile users to be self-serving and productive while disconnected. It is completely dependent on what type of report tabs are required in reference to business need 3 Senstivity to the confidential data Given this is a feature as part of the enterprise product, there are quite a bit of security features enabled and ensure the customer confidential data is maintained with in the Go-Mobile app that is provided to business users. If a report consumer is going to be at their desk consuming the report transactional level task, an Active Report may be more robust than necessary. If the business users want only information to be renedered and not save, this would indicate that the user is looking for a standard report deployment, rather than an Active Report. More often than not, an ad-hoc report will be a standard report deployment. These venues require data to be selective and compressed. As such, Active Reports strongly lend themselves to summarized data. If business users are interested in the detailed, granular level of the data, the active report may not be best fit. Though Active Reports can handle large amounts of data, the files sizes will grow in a direct relationship. This causes rendering of report slow and consumes more space on the local device, Users may want to consume the summary level data in an active report, and create a drillâ€"through to detailed data in a separate report. It should be remembered that Active Report Functionality was developed with a focus on efficient, off-line dashboards which means that it is not intended to as a distribution channel for detailed reports. This is based on the fact that all the data necessary to support user interactivity within the report is stored in the MHT file. Therefore as the amount of data necessary to support the report grows, there will be a corresponding increase in the file size and a decrease in the responsiveness of the report. Challenges with Active reports 1 Limitation on data volume Cognos Active Report Output MHT file size depends on the amount of data packaged in the dashboard and the number of queries or Join variations associated with Cognos queries. IBM Cognos visualizer can be used to customize the visualization chart objects and include in the Cognos library as per the business needs. Some of the visualization libraries or charts are not readily available. This can be customized using viz bundled provided and upload into Cognos library to use them. Some of the best approches or methods are available by doing google. RAVE2 libraries work only in Cognos This is also important. It keeps throwing memory error, but the issue will else where 4 Vizbundles are uploaded into Cognos without any error. To consider the final object memory capacity where. Of course, we understand interactivity is the main key, but use as much as required only 7 If possible to reduce or use only the required set of Vizbundle. Overloading of information could impact business users with unnecessary feed Technical Details Active reports are available or developed from Cognos Even latest version of Cognos 11x supports active report funcationality. Requesting to please refer there if any further details are required.

Chapter 3 : Everyday is a new day

You can use IBM® Cognos® Report Studio to create active reports. IBM Cognos Active Report is a report output type that provides a highly interactive and easy-to-use managed report. Active reports are built for business users, allowing them to explore their data and derive additional insight.

It is an easy-to-use, self-contained Business Intelligence BI application that provides highly interactive managed dashboard capabilities. Active Reports are built by professional report authors for end users who either require managed dashboards or are offline remote users. Users can use Active Reports disconnected from the server but with full interactivity. This chapter is structured to address the needs of both Active Report end users and report authors. This section provides some of the key points for considering Active Reports: Enables you to work with Active Reports even when you are on the go and working disconnected from the Cognos BI server. Because it is self-contained and stands alone, you can take it with you anywhere and continue to explore the data when working with peers, functional heads, and customers. In addition, because the reports are consumed disconnected from the Cognos BI server, it reduces the resource consumption on the Cognos BI server. Enables you to continue to explore and analyze the data via the highly interactive gestures supported in the Active Reports, for example, sorting, filters, and so on. This enhances productivity because users do not need to always be connected to the BI server to make decisions because they can now interactively explore the data in the Active Report and make quick decisions wherever they are unlike being restricted to just viewing the data in a traditional PDF output. Enables you to create standard report output types and Active Reports using the same Cognos content in Report Studio. You can convert an existing nonactive report built using Report Studio to an Active Report easily, allowing report authors to reuse the existing queries and charts. It transfers automatically to the iPad. Standard report controls automatically have the native iOS look and feel with interactive gestures such as swiping enabled. Users can perform enhanced analysis using drill-through capabilities while connected to the Cognos BI server. It can be an ideal choice for Executives, Managers, Sales force team members and the like who often work disconnected from Cognos BI servers but need to make quick decisions based on factual BI data, wherever they are. Business users and others in the organization can use Active Report when connected to the BI servers and tap into additional query and analysis features available in the Cognos BI environment. It familiarizes you with features and functions available when you use an Active Report, for example, how to download an Active Report, run it, and so on. Options available in the Active Report are preconfigured by the report author, based on reporting requirements. Data Selection Options When Using an Active Report Users can interact with the data in an Active Report by leveraging familiar controls that enable selection, sorting, and filtering. Some of the available controls are discussed in this section. You can apply filters in the Active Report and analyze your report while working disconnected from the Cognos BI Servers. Options to filter data in an Active Reportâ€"slider, drop-down list, radio buttons, and so on. Enable you to select one or more options available for selection. The data in the report is included or excluded depending on the check boxes selected. Enables you to view all the options available to you to include in the report. You can select one or more items from the list. You can provide a static list item in a drop-down list using the No Value List Item property, for example, All to display all values by default. Enable you to work with button bars and data button bars that work as toggles. You may select or deselect the options in the button bars to include or exclude associated value in the report. This option enables you to work with one button at a time. Enable you to work with one choice at a time from all the available options. The radio button you select drives the data displayed in the report. Enable you to add one or more selections from the Toggle buttons to the report. You can also use Slider and Iterator controls for filtering data in the report. These files cannot be password protected. The method to secure the Active Report can vary depending upon how it is deployed. For example, if you use email to distribute the Active Report, the report is secured within the corporate email system; however, if you save Active Report to a network location, you can restrict access to that location, thus allowing only those users who should have access to the report. The data level security if applicable is addressed using the security permissions of the

person running the report via the Cognos portal. You can distribute the report to users via the Burst mechanism in Cognos BI. Bursting enables you to distribute the same report to different users with data sets that are relevant to each user category, for example, department, region, and such. This is controlled by the author of the report, and the access code in such cases is same for all users. The purpose of the access code is to limit report consumption to licensed users and should not be confused with Active Report security that authorizes the user with permissions required to use the report. Alternatively, you can save the Active Report in a folder accessible by authorized users only. You can also purchase a Processor Value Unit PVU -based Active Report license to distribute the reporting application to the entire organization or external customers, partners, or other users. Active Reports can be consumed in Cognos Connection, via email distribution, or on an iPad through the Cognos native mobile application. To work disconnected you must run it once using Run with Options and save the report output. You can manually download the report with updated data each time you need to work with the latest version of data, or you can schedule the Active Report to run at a wanted frequency and distribute it using a standard report distribution process, for example, email. To work with the Active Report, you can open the report using these steps: Locate the active report file. Right-click the file, for example, Products Sold by Year. To download an Active Report, perform these steps: Click the Run with Options icon in the Actions column. Optionally, if you require specifying email recipients, click the Advanced Options link. Click the Run button. Navigate to the report download location, for example, c: The Active Report file will have extension. Double-click the Products Sold by Year. The report will open in the browser window. Close the browser window to close the report. When you choose one of the Active Report output types to build your report, you notice the toolbox tab has additional options available, which you can use to build and support the interactive behavior in the Active Report. Active Report template in Report Studio. After the report converts, you cannot convert it back to a nonactive report without re-creating the same. It may be a good idea to make a copy of the existing nonactive report first and then convert that to an Active Report. Alternatively, you can convert the existing report to an Active Report and save the new Active Report with a different name. When you convert a nonactive report to an Active Report, the report does not automatically become interactive. You must apply the interactive behavior to the report by adding the Active Report Variables and Controls to give it the wanted interactive behavior. The steps to convert a nonactive report to an Active Report are as follows: When step 2 completes, the report displays the icons for Interactive Behavior and Create New Connection. Save the report with a new name. From here you can continue to add Active Report Controls and Variables to add interactivity to the report. Also, if the report contains any objects that are not supported in Active Reports, those objects will be removed when you convert the report to an Active Report, for example, bookmarks, prompt controls in a report page, table of contents, and table of contents entries. High-Level Active Report User Interface You can now explore the user interface of an Active Report output type to become familiar with the options available. Although most options are those that are available to you with other report output types, for example, List or Crosstab, some additional options are available with the Active Report output type. To explore the Active Report interface, you can create a new active report. This brings you to the Active Report template, as shown in Figure 6. Examine the options available. The user interface is similar to what you use in Report Studio. These options are briefly discussed in the list that follows for additional details refer to Chapter Active Report user interface. Provides options that enable you to work with and manage the report and its objects. Provides frequently used options from the Application Menu. Provides options that you can use to enhance your report, for example, Fonts, Color, and more. Use objects from appropriate tabs to build the report. Enables you to specify the property of an item or object in the currently opened report. Used to build the report by dragging and dropping items from the Insertable Objects pane and other tabs, previously listed. In an Active Report template, there are additional tabs available along with the Source, Data Items, and Toolbox available in a regular Report Studio report. The Active Report Controlstab provides an overview of the interactivity configured in the report and can also be used for control selection. Active Report Controls Active Report Controls are used to create the layout of the report and specify filter, sorting, and navigation options of the report. The layout of the report can be defined using controls. For example, Tab controls enables you to group similar items together as Tabs, or a Deck of cards

enables you to layer report items into individual cards. In addition, you can use check boxes to hide or show columns in the report, depending upon the check boxes you select. You can use Row numbers to display the number of rows in the control. You can specify your data selection criteria in the Active Report by using check boxes, List and drop-down control lists, Toggle buttons, Radio buttons, Push buttons, and more. Use the Navigation control options such as the Slider and Iterators to easily navigate through the Active Report data. Lastly, you use the Data Containers such as List and Crosstab in the report. In an Active Report, these are considered as controls because you can add interactive behavior to them. Controls play an important role to determining the behavior of the report. Use static controls to manually define variables.

Chapter 4 : Cognossimplified: How to make active reports in Cognos 10

Active Reports are a new type of report in IBM Cognos 10 that combine data and layout into a single file. This file can be distributed and viewed offline, allowing reports to be reviewed "on the go".

The Report Writer interface provides a list of database fields organized in a tree structure. To create a report, expand the trees corresponding to the required database fields and select the fields to be displayed as columns in your report. Once you have created your report, you can edit the report, change the report layout, run the report in specific formats, and save the report. The report author must ensure to not use those enterprise-specific values in the report, which will also be shared with other enterprises. Navigate to Reports, Report Writer, and select New. In the left frame, the Insert Data menu option is selected. Select Active Case Series Filter. Select the active case series filter before selecting data mart fields for your report. This prevents Report Writer from querying the entire data mart and slowing down the report output generation. Expand the Report Writer control tree. The various data mart views are displayed. Scroll the list of views until the Filters folder is visible. Expand the Filters folder. The built-in active case series filter is displayed. The system displays the selected filter in the right frame. Select the data mart fields to include in your report. Expand the data mart view tree, as appropriate. The data mart fields corresponding to the tree are displayed. Select the data mart fields, as appropriate. If your report consists of fields from the Event and Product tables, it will only display data for those cases where event assessment has been done. This is because event assessment is the only way of defining relationship between an event and a product. The Report Writer queries the data mart, automatically executes the query for every field you selected, and displays the data for the selected fields in the report output area within the right frame. The fields you selected are displayed as columns in the report output. Select multiple fields as follows: Hold down the CTRL key and select the fields. Insert an entire data mart view in your report by selecting the data mart view entity in the left frame and clicking Insert. Drag the field entities to the report output area. Repeat the previous steps to insert additional fields into the report. If you want to delete a column from the report output, select the column and click Delete on the toolbar. To revert or repeat any actions you perform in Query Studio, use the Undo or Redo options on the toolbar, respectively. Enter the report title. Click Title above the report output. The Edit Title section appears below the report output in the right frame. Enter the report title and subtitle in the respective fields. The page refreshes; the titles you entered appear above the report output. Expand the class folders under Report Writer. The dimensions for the class category are displayed. The fields you selected are displayed as columns in the report output along with Case Series Criteria and Case Series Name. To select multiple fields, hold down the CTRL key and select the fields. To insert an entire data mart view in your report, select the data mart view entity in the left frame and click Insert. You can also drag the field entities to the report output area. The Case Series Criteria displays as header. Display the Case Series Name as header. Otherwise, you may receive undesirable results. After you have selected the required data mart fields and generated the output, you can use the various Query Studio options to edit the report, change the report layout, run the report in specific formats, and save the report. The report editing options let you control what data appears in your report as well as how it is formatted, calculated, and sorted. None of the edit operations you perform are stored in the database. This topic only explains the basic report editing operations in Query Studio. For detailed information, see the documentation supplied with the Cognos8 products. Filtering Data Use the filtering option to reduce data in your report. To filter your report: In the report output area, click within the header of the column you want to use to filter the report output. The selected column is highlighted. Select Filter from the Edit Data menu options in the left frame. The Filter section appears below the report output in the right frame. The Show only the following list displays all the values in the column you selected. In the Show only the following list, check the values by which you want to filter the report output. The Show only the following list may not display all the values if the list of values is very large. If you cannot find the desired values to filter on, click the Search for values link and search for the value by typing the value you are looking for. If you want the system to prompt you to select the filter values each time you run the report, select the Prompt every time the report runs

check box. If you want the report output to include those records which have a null value no value in the selected filter column, select the Show missing values check box. The system refreshes the report and displays the filtered output. The filter information is displayed above the report output. Sorting Data To change the sort order in your report: In the report output area, click within the header of the column that contains the values by which you want sort the report output. Select Sort from the Edit Data menu options in the left frame. The Sort section appears below the report output in the right frame. Select the required sorting option by using the Sort Order option. The system refreshes the report and displays the sorted output. Summarizing Data Use the predefined summary options to calculate the total, count, maximum, minimum, or average of the values in columns of your reports. The summary options available to you depend on the type of data in the column you want to summarize. For example, you can only use the Count option if your column contains text data whereas you can use total, maximum, minimum, or average options if the column contains numeric data. In the report output area, click the column that you want to summarize. Select the column to be grouped and click on the Group icon placed in the grouping menu in the top panel. The selected column is grouped. Select Summarize from the Edit Data menu options in the left frame. The Summarize section appears below the report output in the right frame. Click the Summary for footers drop-down list and select the required summary option. The options available depend on the type of values the select column contains. The report output displays the column summary at the bottom of the report. Click the Bottom link to view the footer. If your report is grouped, the summary values are displayed for each group. To remove summary information, select the relevant column and click Summarize. Select None from the list and click OK. Formatting Data in Reports You can use predefined formats to change the appearance of text, numbers, currency, dates, and times in your report. Formatting does not change the underlying data. Table describes the available formatting options. Use default to remove formatting. Text Use the text format to specify the number of characters that must be visible in the text string. Number Use the number format to change the number of decimal places, to specify whether to use a thousands separator, to choose different symbols to represent negative numbers, and to scale large numbers. Currency You can choose from many world currencies. Use either the currency symbol or the international code. In addition, you can change the number of decimal places, specify whether to use a thousands separator, choose different symbols to represent negative numbers, and to scale large numbers. Percentage This format shows a number multiplied by , using two decimal places and a percent sign. Scientific This format shows a number in exponential notation. For example, the number , is 2. Date and Time You can choose from a list of date and time formats, including the 12 or 24 hour clock. To change the format of the data in a report: Display the report output.

Chapter 5 : IBM Cognos 10 Report Studio Cookbook - Second Edition [Book]

IBM Cognos Active Report The IBM COGNOS Active Report is a new type of report that was introduced in IBM Cognos Business Intelligence that allows professional report authors to create interactive reporting applications as well as it combines data and layout into a single file.

This allows users to fully interact with all of the content in their reporting application without being dependent on connectivity to their IBM Cognos BI server. Disconnected reporting simplifies report distribution and consumption within an organization and makes BI content readily available to external partners and customers. The flexibility provided by the report controls allows a single reporting application to meet the needs of many users, eliminating the need to customize reports to suit personal viewing preferences. Portable Business users need access to their BI information regardless of their location, connectivity or consumption device. This ensures that users are provided with the native iPad experience that they demand without creating the need for the professional report author to create device specific reports. Access to Details on Demand By leveraging drill-through functionality while connected to the IBM Cognos BI server, a business user can drive a deeper analysis without losing context. When a user in IBM Cognos Connection runs a reporting application or an administrator schedules and bursts reporting applications to a group of users, all role based security policies will be honoured. Each user will consume a reporting application that contains only the data that they are authorized to view. As a result, existing reports can be converted into interactive reporting applications with a single click. This allows existing queries and chart objects to be reused and reduces the amount of time required to build interactive reporting applications. Common Use Scenarios The features of IBM Cognos Active Report make it a flexible and portable solution whose benefits can be leveraged across an entire organization and beyond. In order to ensure a successful deployment, it is important to apply the technology to the proper use cases. Enabling the Mobile Workforce Mobility is on the rise and is becoming a way of life. Business users expect to be able to consume their business information at anytime regardless of their location or what device they are using. IBM Cognos Active Report enables the mobile workforce by allowing the exact same reporting application to be consumed on the Apple iPad and in standard web browsers. When combined with the disconnected nature of the solution, IBM Cognos Active Report ensures users have the right information to make business decisions while on the go. Managed Dashboards Business users expect visually appealing, high performance and interactive dashboards that are able to communicate key business information. IBM Cognos Active Report allows the professional report author to create managed dashboards that can be distributed to a broad audience. The wide array of IBM Cognos Active Report controls ensures that the desired functionality can be achieved and an engaging end user experience can be delivered to business users. The reporting applications are high performance stand-alone files and by leveraging drill through technology, business users can seamlessly connect to more detailed data without losing context. Extending BI to External Customers or Partners Businesses can improve their relationships with customers and increase synergies with partners by improving the flow of information to external users. IBM Cognos Active Report technology allows interactive reports to be distributed outside the organization without having to worry about granting those users access to the IBM Cognos server. The solution provides a scalable and secure way of sharing information outside the organization without creating an increased support burden. IBM Cognos administrators should consider the intended audience and use case when choosing which method is most suitable. Some of the most common scenarios include: Email Distribution IBM Cognos Active Report content can be distributed through secure corporate email, which will then allow the recipients to fully interact with all of the data regardless of their connectivity to the IBM Cognos BI server. Scheduling and bursting can be used to ensure that this operation occurs at a non-peak server time to reduce system loads. Additionally, leveraging scheduling and bursting ensures that IBM Cognos role based security restrictions will be honoured. This is a suitable deployment option for distributing IBM Cognos Active Report content to a controlled audience, which could be both internal and external. Once the content is transferred, it becomes available for offline consumption. After running the report, it will be stored locally on the iPad and available for disconnected

consumption. Under both of these deployment scenarios the reporting content is protected by an initial IBM Cognos BI server authentication and role based security restrictions. The iPad application also supports email distribution. When a user is sent a reporting application as an attachment to an email, the file will be associated with the IBM Cognos Mobile iPad application and can be directly launched into this environment. The output will then be saved within the application for offline consumption. As a result, the single-file output can be placed in a shared location and made accessible to anyone who has access to this network location. Security can be provided via password or login credentials for the remote location to ensure that only people who are authorized to view the content have access to the report. This deployment scenario eliminates the need to email a copy of the file to every recipient, which can reduce network loads. Since a single version of the output is shared, each user consumes the same reporting application and role based security is not honoured. Assuming the user has the proper folder permissions and privileges, users can easily navigate to the location of the report and gain access to the reporting application. The user can choose to view an existing saved output or re-run the report to get the freshest data possible. Additionally, all IBM Cognos role based security will remain intact when a user chooses to run the report. If the end user has not manually downloaded the report from IBM Cognos Connection to their local machine, the content will be inaccessible while disconnected from the server. Alternatively, a PVU based Active Report Recipient license can be purchased so that the reporting applications can be distributed across the entire organization and shared externally. To ensure license compliance, several techniques can be used. The author of the report controls this and the access code is the same for all users. Additionally, IBM Cognos Active Report content can be contained in folders with permissions so that unauthorized users are unable to get access to the reports. Finally, deployment scenarios that distribute the content to a controlled group, such as email or mobile distribution, can be used to ensure that only the intended audience receives the reporting output. Introduction to the Interaction Model A report author defines the interactivity in an IBM Cognos Active Report in order to deliver a tailored user experience to their end users. This document will cover a wide range of the techniques that can be created but it is important to first understand the basics. Interactivity can be setup between many objects and it is all based off of Active Report Variables. These variables are created when connections are formed and are used to pass context between multiple objects. Every interactive object has Behaviour on Selection and Reaction Behaviour options. The Behaviour on Selection is used to set the state of an Active Report Variable when that object is selected. Data Item values, or static text can be stored in the Active Report Variable depending on the desired effect. The following screen capture shows an example of the menus provide for setting the Behaviour on Selection conditions for an object and creating a corresponding Active Report Variable to store the state. Objects can be configured to respond to no variables, a single variable or multiple variables depending on the desired interactivity. The Reaction Behaviour has three main options: This can be used to highlight elements within objects i. This can be used to dynamically reduce a result set i. For simple interactivity, the wizard shown in the image below is provided that gives the user a single interface for selecting the object that will originate the interaction i. Container Select or Container Filter. This dialog has the same effect as manually specifying all of these options individually in the Interactive Behaviour menu for each control. The wizard is simply used to streamline the connection process. This section will also provide a step-by-step example on how to use some of these items. Click on the Active Report Variables tab and click the Create a new variable link. It also displays the Active Report Variable dialog box that is presented to the user after clicking the Create a new variable link. The Active Report Variable dialog box consists of a Name field, a Data Type selection drop-down and a Set Default Value s link which can be used to specify default variable values. Within the Default Variable Values dialog box, click the New icon at the bottom left of the dialog box. From the available Toolbox items, locate the Variable Text item and drag it into the report. If multiple variables have defined, the report author will be prompted to pick a variable. Row Number The Row Number is used to ensure that the row number in a list is properly displayed as it is dynamically filtered by controls. By including the Row Number object in a list column, the rows will always be numbered sequentially beginning at one as the list is manipulated. Decks are useful when the content displayed on the cards differ from card to card. From the available Toolbox items, drag the Radio Button Group object onto the report canvas. Within the

Radio Buttons Definition dialog box, delete Button Label 3 by clicking the X that appears when you hover to the left of the entry. Click the OK button to return to the report page. From the available toolbox items, locate the Deck item and drag it underneath the Radio Button Group control. From the available Toolbox items, drag the Crosstab object onto the Crosstab card. Once completed, the report page should now consist of two radio buttons at the top of the screen that are labelled Crosstab and Line Chart. Within the Deck, one of the cards is labelled Crosstab. The Crosstab card contains a Crosstab object that has been populated with Product line on the rows, Year on the columns and Revenue as the measure. This is also depicted by the image below. From the available Toolbox items, drag the Chart object onto the Line Chart card. Within the Insert Chart dialog box, select line chart and press the OK button. One named Crosstab and the other named Line Chart. By default the user is presented with the Line Chart. The user then has the ability to switch the view to a crosstab by selecting the Crosstab radio button. Data Deck The Data Deck object is used to automatically create a card for each data item value used to drive the Data Deck. Data Decks are useful if the number of cards is unknown due to changing data. Data Decks are generally used to display the same report data container for different contexts. From the available Toolbox items, drag the Data Button Bar object onto the report canvas. Within the Query Explorer tab, click on Query1. Using the Page Explorer tab, return to the report view by clicking on Page1. From the available Toolbox items, hold the right mouse button and drag the Data Deck object onto the report canvas. After releasing the right mouse button, a menu appears. Select the option Insert using existing query. From the available Toolbox items, locate the List query object and drag it into the Data Deck. Within the bottom left hand Properties pane, locate the Miscellaneous section and change the name of the query from Query1 to List Query.

Chapter 6 : QMetrix reviews Cognos Active Reports | QMetrix

"Hello, From past forums, It seems using javascript in Active reports has certain limitations. May be there is a workaround for my issue. I have created an active report which I would like to make available to the users via Cognos Connection and Ipad (IBM Cognos Mobile app) both and also would like to provide few links within active report to.

Chapter 7 : IBM Cognos Analytics Fix Lists - United States

Authoring Active Reports with IBM Cognos 10 is a one-day, instructor-led, online course. Students will create Active Reports using new features of Cognos 10 Report Studio including button bars, decks and other advanced techniques.

Chapter 8 : Introduction to Active Reports IBM Cognos 10

This feature is not available right now. Please try again later.

Chapter 9 : Cognos Active Report | nexDimension

Instead of running Active Reports from Cognos Connection to create the effect of an Interactive Dashboard, use Business Insight Advanced. IBM addressed issues with running Active Reports in Cognos Connection with version