



TEMENOS
The Banking Software Company

TEMENOS T24

Stream

User Guide

Exchange Component - User Guide



Information in this document is subject to change without notice.

No part of this document may be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose, without the express written permission of TEMENOS Headquarters SA.

Table of Contents

Introduction.....	3
Preface	3
Overview	3
Exchange Calendar Component.....	3
Assumptions	3
Getting Started	4
Installation.....	4
Adding Exchange Calendar Component to a Solution	5
Using the Calendar	6
To Add an Appointment	7
Edit an Existing Appointment.....	8
Moving Appointments	9
Remove an Appointment	9
All Day and Recurring Appointments	9

Introduction

Preface

This User Guide is intended for Developers and provides the step by step instructions for using the Exchange Calendar Component in your presentation.

Overview

Exchange Calendar Component

The Exchange Calendar Component allows users to see their calendars, as well as add/edit/remove new and existing appointments.

The component requires the credentials to be passed to it in order to connect to the Exchange service.

Assumptions

It is assumed that you are familiar with the edgeConnect Editors and have working knowledge on edgeConnect, and an Exchange service is running, either in the organisation or in the cloud (Office365).

Requirements

The sources of the Exchange component depend on the following jars:

- Specific (available under the provided Solution/WEB-INF/lib)

joda-time-2.7.jar

commons-codec-1.9.jar

These need to be added to the java path in the Developer.lax file

- Common (available under IDE/lib)

Acquire.jar

iforms.jar

commons-logging-1.1.1.jar

httpcore-4.3.2.jar

Exchange Component

httpclient-4.3.4.jar

These should be already present in the java path in the Developer.lax file; no change required. The sources used by this Integration component are compiled and packaged in the Exchange Solution under Solution/WEB-INF/lib/exchange-calendar.jar.

When including this component into another solution, copy into its WEB-INF/lib folder the following jars from Solution/WEB-INF/lib :

exchange-calendar.jar

joda-time-2.7.jar

commons-codec-1.9

NOTE: A certificate file might be required from the Exchange server to connect to it.

Getting Started

Installation

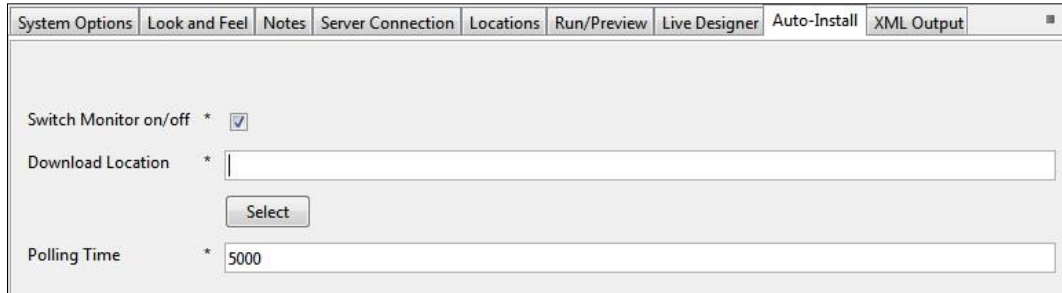
For manual installation:

1. Copy **com.temenos.components.exchange.calendar** folder in your components folder (Ex: /{your project}/../Components).
2. Restart IDE.

For auto-installation:

1. Run IDE.
2. Make sure 'Switch Monitor on/off' is checked.
3. Download or copy the component **com.temenos.components.exchange.calendar.zip** to the monitored folder.
(Navigate to **Tools** - > **Options** -> **Auto-install** and set in **Download Location**, the folder where you copied the component.). There is no need to restart IDE.

Exchange Component



System Options	Look and Feel	Notes	Server Connection	Locations	Run/Preview	Live Designer	Auto-Install	XML Output
----------------	---------------	-------	-------------------	-----------	-------------	---------------	--------------	------------

Switch Monitor on/off * ☒

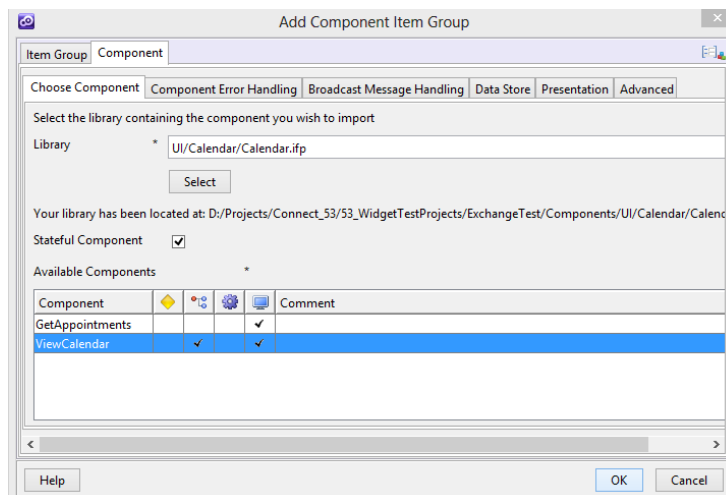
Download Location *

Select

Polling Time * 5000

Adding Exchange Calendar Component to a Solution

First, add a new item group component to a phase. In the “Component” tab, navigate to the Calendar ifp (in UI/Calendar), then select the ViewCalendar component from the list.



Add Component Item Group

Item Group Component

Choose Component Component Error Handling Broadcast Message Handling Data Store Presentation Advanced

Select the library containing the component you wish to import

Library * UI/Calendar/Calendar.ifp

Select

Your library has been located at: D:/Projects/Connect_53/53_WidgetTestProjects/ExchangeTest/Components/UI/Calendar/Calendar.ifp

Stateful Component ☒

Available Components *

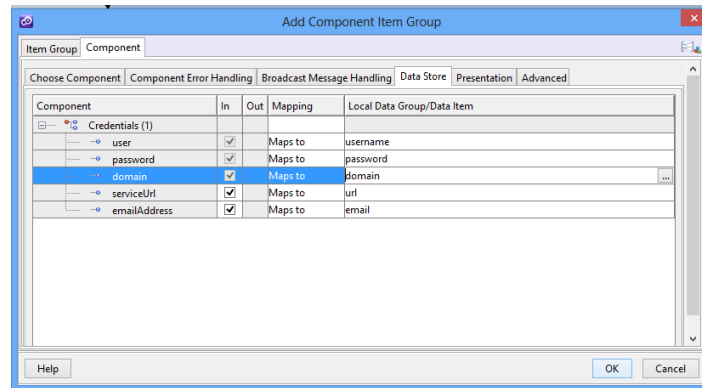
Component	Icon	Comment
GetAppointments		✓
ViewCalendar		✓

Help OK Cancel

The datastore in the component requires some values. Map these to local values in the solution, which should contain the credentials of the email account to access.

A number of credential parameters are required by the component. It is expected that the caller of the component will pass these values in via data item mapping.

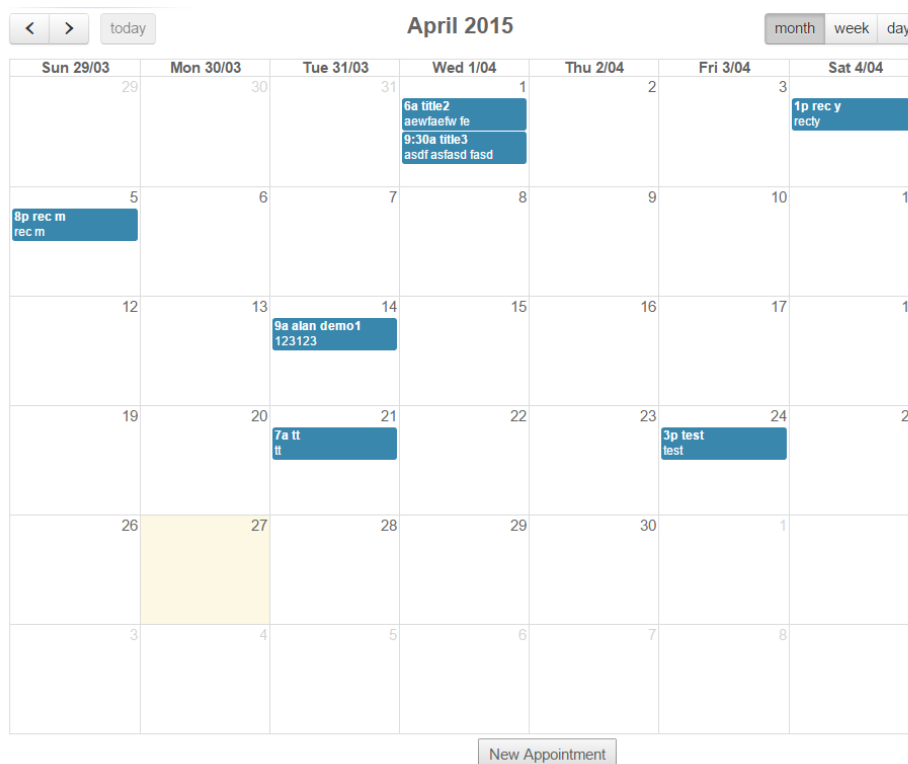
Exchange Component



Then make sure the solution values are populated (either with rules/data set/user input) and run the project.

Using the Calendar

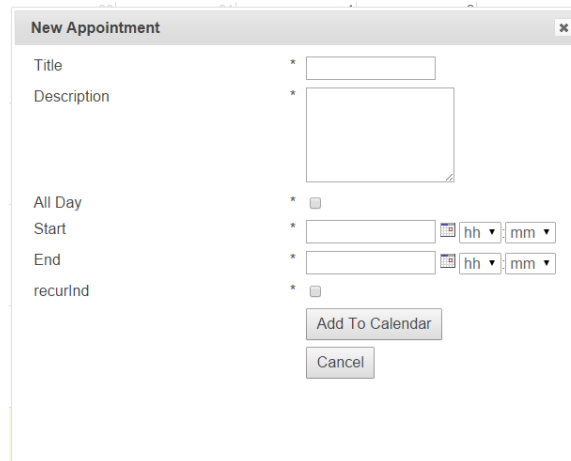
The initial view



Exchange Component

To Add an Appointment

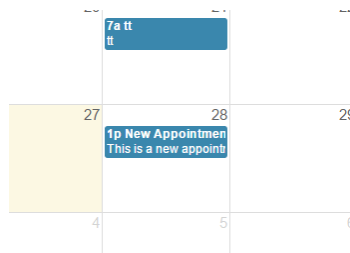
Click the “New Appointment” button at the bottom of the calendar view. This brings up the new appointment dialog:



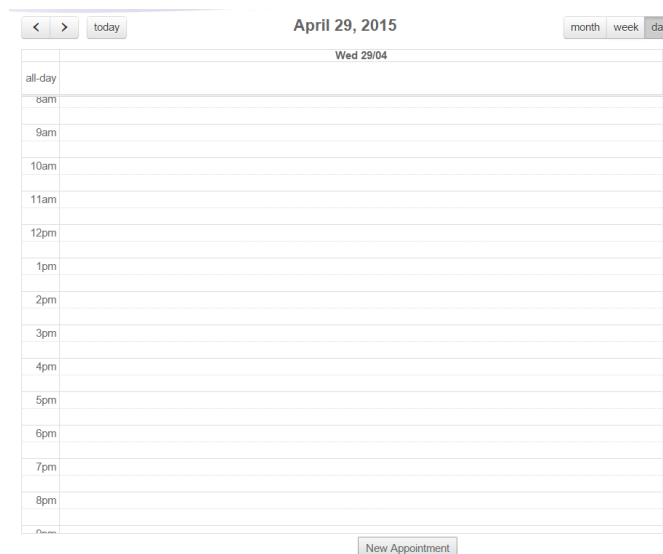
The "New Appointment" dialog box contains the following fields and controls:

- Title**: A text input field with an asterisk (*) indicating it is required.
- Description**: A larger text area with an asterisk (*) indicating it is required.
- All Day**: A checkbox with an asterisk (*) indicating it is required.
- Start**: A date and time picker with an asterisk (*) indicating it is required.
- End**: A date and time picker with an asterisk (*) indicating it is required.
- recurInd**: A checkbox with an asterisk (*) indicating it is required.
- Buttons**: "Add To Calendar" and "Cancel" buttons.

Enter the details as required, and click “Add To Calendar”. A new entry will be created in the user’s Exchange calendar, and the view will be updated to show the new appointment.



It is also possible to add a new appointment from the day view. Click on the day box (this will change the view to day mode).

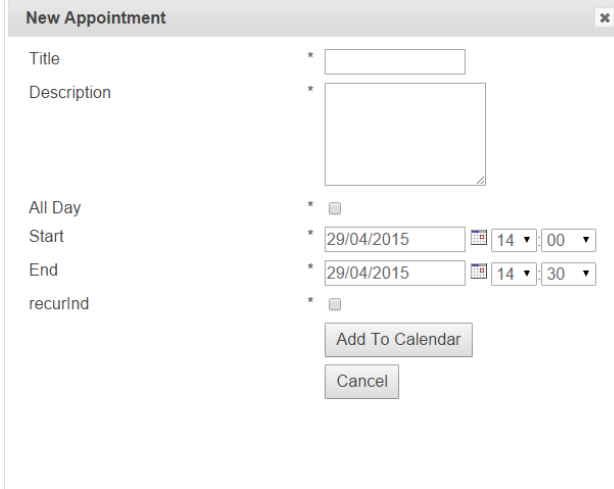


The "Day" view of the calendar for Wednesday, April 29, 2015. The interface includes:

- Navigation**: Buttons for "<", ">", and "today".
- View Controls**: Buttons for "month", "week", and "day" (currently selected).
- Time Slots**: A vertical list of time slots from 8am to 8pm, with an "all-day" slot at the top.
- Appointment Area**: A large grid area for scheduling appointments.
- Buttons**: "New Appointment" button at the bottom right.

Exchange Component

Then click in the day where you want your appointment, and the day and time will be pre-populated in the dialog:



New Appointment

Title *

Description *

All Day * ☐

Start * 29/04/2015 14:00

End * 29/04/2015 14:30

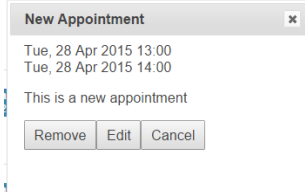
recurInd * ☐

Add To Calendar

Cancel

Edit an Existing Appointment

Clicking on one of the calendar entries will launch the Calendar Summary dialog. This shows the details of the appointment:



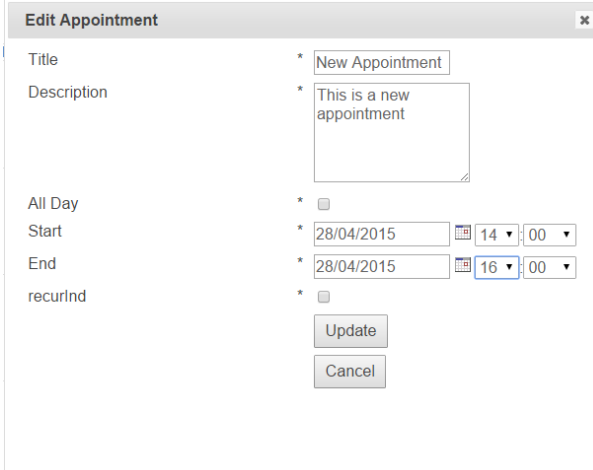
New Appointment

Tue, 28 Apr 2015 13:00
Tue, 28 Apr 2015 14:00

This is a new appointment

Remove Edit Cancel

Clicking “Edit” will launch the New Appointment dialog, but with the values populated from the current appointment. When you have made the desired changes, click “Update” to save.



Edit Appointment

Title * New Appointment

Description * This is a new appointment

All Day * ☐

Start * 28/04/2015 14:00

End * 28/04/2015 16:00

recurInd * ☐

Update

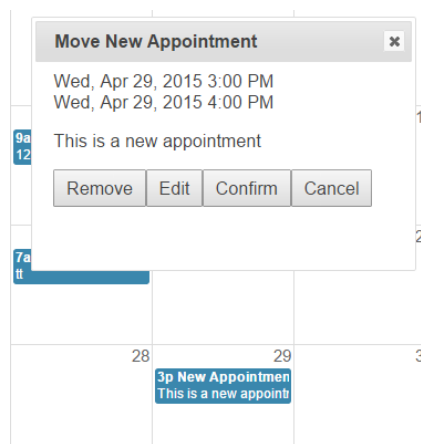
Cancel

Exchange Component

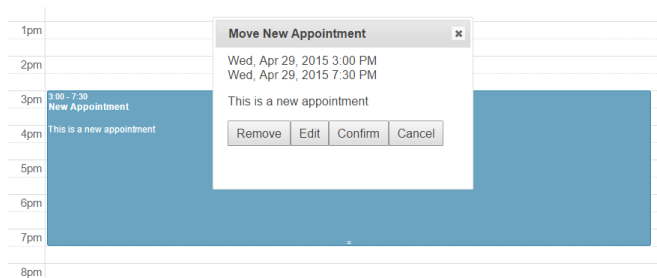
Clicking “Cancel” will not save the changes and the dialog will close.

Moving Appointments

It is possible to move existing appointments (or extend them) using “drag and drop”. Say for example, we wanted to move an appointment from 28th April to the 29th April, we can click on the appointment (without releasing the mouse) and move the mouse until it is over the 29th April. Then we release the mouse. A confirmation will be shown with the new appointment details. The user can confirm or cancel these changes.



To change the duration of an appointment, go to day view and drag the bottom of the appointment to the required end point.



Remove an Appointment

To remove an appointment from a calendar, click on the entry to bring up the summary, and click the “Remove” button.

All Day and Recurring Appointments

To make an all-day appointment, select the “All Day” checkbox. In the day view, this will appear in its own section at the top of the page.

Exchange Component

< > today **April 29, 2015** month week day

Wed 29/04

all-day **New Appointment**
This is a new appointment

11am

12pm

1pm

To make a recurring appointment, select the Recurring checkbox, and then select the two further recurring options. These are whether to recur:

- Daily
- Weekly
- Monthly
- Yearly

And to specify how long to recur for (i.e. when the recurring ends).

New Appointment

Title * Team Meeting

Description * Catch up on progress

All Day * ☐

Start * 26/04/2015 09:00

End * 26/04/2015 10:00

recurInd * ☒

recurFreq * Daily

recurUntil * 30/04/2015

Add To Calendar

Cancel

Results in the following:

	26	27	28	29	30	1	2		
	9a Team Meeting Catch up on progress	9a Team Meeting Catch up on progress	9a Team Meeting Catch up on progress	9a Team Meeting Catch up on progress	9a Team Meeting Catch up on progress				
	3	4	5	6	7	8	9		