Controles:





Designing: controls in layouts Section container control in Detail layout

Cecilia Fernández | GeneXus Training



En este video nos detendremos específicamente en el nodo Detail del objeto WorkWith

13.Controls_SectionContainer.control.in.Detail_sp Designing	GeneXus
	Control Labels, tables, images
	Grid: Multiple layouts per row
Controls in lavouts	Control types
	Detail <section content=""></section>
	Canvas & Transformations

para estudiar como se muestran las diferentes secciones que lo componen.

13.Controls_SectionContainer.controlin.Detail_sp Designing	GeneXus
Controls in layouts	Detail <section controls=""></section>
EntityA EntityB	

En abstracto: si tenemos una entidad A, que tiene subordinada una entidad B, es decir por cada A, habrá muchos B relacionados, como es el caso de los Speakers y de las Sessions de la tabla relación

13.Controls_SectionContainer.control.lin.Detail_sp Designing	GeneXus
Controls in layouts	Detail <section controls=""></section>
EntityA	
\$	
EntityB	
Speaker	

(cada speaker puede ser orador en muchas conferencias)

Entonces al aplicarle el pattern WorkWith a la entidad A,

13.Controls_SectionContainer.control.in.Detail_sp Designing		GeneXus	
Controls in la	ayouts	Detail <section controls=""></section>	
EntityA EntityB	Level (EntityA) List Detail Section (General)		
Speaker	Level (Speaker) List Detail Section (General) Section (SessionSpeakers)		

bajo el nodo Detail

13.Controls_SectionContainer.control.i	n.Detail_sp
Controls in la	youts
EntityA	Level (EntityA) List Detail Section (General) Section (EntityB)
Speaker	Level (Speaker) List Detail Section (General) Section (SessionSpeakers)

además de la section General

13.Controls_SectionContainer.control.in	n.Detail_sp
Controls in la	iyouts
EntityA	Level (EntityA) List Detail Section (General) Section (EntityB)
Speaker	Level (Speaker) List Derail Section (General) Section (SessionSpeakers)

que corresponderá al panel con el layout para visualizar (View)

13.Controls_SectionContainer.control.ii Designing	n.Detail_sp		Ge	eneXus
Controls in la	iyouts		Detail <section c<="" th=""><th>ontrols></th></section>	ontrols>
EntityA EntityB	Level (EntityA) List Detail Section (General) Section (EntityB)	Attribute A1 A1 Attribute A2 A2 Attribute A3 A3 Any Platform View Default Layout Rules Event	Orientation S Conditions Variables	
Speaker SessionSpeakers	Level (Speaker) List Detail Section (General) Section (SessionSpeakers)			

o para editar (Edit)

13.Controls_SectionContainer.control.i Designing	n.Detail.sp		GeneXus
Controls in la	ayouts	I	Detail <section controls=""></section>
EntityA EntityB	Level (EntityA) List Detail Section (General)	Attribute A1 A1 Attribute A2 A2 Attribute A3 A3 Any Platform View Default Layout Rules Event	Attribute A1 A1 Attribute A2 A2 Attribute A3 A3 Any Platform, Edit, Default Orientation V Layout / Rules / Events / Conditions / Variables /
Speaker	Level (Speaker) List Detail Section (General) Section (SessionSpeakers)		

la información de A, por lo que en la sección de Rules encontraremos la regla Parm para filtrar por ese A:



aparecerá decíamos, además de esa sección, una Section para visualizar la información repetitiva relacionada (es decir, la sección de la entidad B tendrá 1 grid).



También esta sección deberá recibir por parámetro el A del que se trata, para filtrar por él y quedarse sólo con los datos relacionados:



Si "A" corresponde a los oradores:



Y "B" a las conferencias de esos oradores:



Entonces, si vamos al "trabajar con speakers":

ie	Туре	Formula	Description	Redundant	Nullable
Speaker	Speaker		Speaker		
🛛 🦞 SpeakerId	Id		Speaker Id		No
🔑 SpeakerName	Name		Speaker Name		No
 SpeakerSurname 	Surname		Speaker Surname		No
<i>∽ f</i> ∗ SpeakerFullName	VarChar(60)	SpeakerSurname.tri.	Speaker Full Name		
	Image		Speaker Image		No
SpeakerCVMini	VarChar(1K)		Speaker CVMini		No
🖉 CountryId	Id		Country Id		No
- 2 CountryName	Name		Country Name		
• SpeakerPhone	Phone		Speaker Phone		No
··· • SpeakerAddress	Address		Speaker Address		No
 SpeakerEmail 	Email		Speaker Email		No
Structure	😞 Win Form 📳 Rules 🕅 Fven	ts 🚯 Variables 🤗 Help	Documentation	I Natterns	

A su sección: Detail

Speaker ×	•
Patterns usable in this object (underlined m	eans pattern is applied)
Category 😨 Work With for Web	Work With for Smart Devices
Apply this pattern on save	
Level (Speaker)	✓ Application Bar
Section (General)	All Sections Content>
-tions	👻 Any Platform, Any Mode, Default Orientations 🕶 🚱 Add Layout 😢 Delete Layout
	Layout 🗟 Rules 🗑 Events 🝸 Conditions 🕲 Variables
🔋 Structure 🗐 😽 Web Form 🗐 😽 Wir	Form 🚯 Rules 😰 Events 🕄 Variables 🤗 Help 🗟 Documentation 🧱 Patterns

vemos que la Section General

Category S Work With for Web		lork With for Smart Devices
] Apply this pattern on save		
Level (Speaker)		Application Bar Update Delete
Letail Section (General) Section (SessionSpeakers)		CVMini SpeakerCVMini
Section (dessionspeakers)		Country Id CountryId
		Country Name CountryName
		Phone SpeakerPhone
		Address SpeakerAddress
		Email SpeakerEmail
	t Style	Id SpeakerId
	Layout	Any Platform, View, Default Orientations 🔹 🚯 Add Layout 😢 Delete Layout

está recibiendo como parámetro el Speakerld (la clave primaria):

Speaker ×		-
Patterns usable in this object (underlined	means pattern is applied)	
Zategory SWork With for Web	Work With for Smart Devices	
Apply this pattern on save		
Level (Speaker) List Detail Section (General) Section (SessionSpeakers)	1 parm (Speaker Ig) ; 2	* IIIII **
	🖉 Laura 🖹 Dula 🖗 Laura V Candidana 🕄 Variables	-1
🖪 Structure 🗐 🎋 Web Form 📴 %	Win Form 📳 Rules 🕅 Events 🚱 Variables 🦃 Help 🕌 Documentation 🏙 Patterns	

y lo mismo sucederá con la sección correspondiente a las conferencias:

Speaker X							
Patterns usable in this object (underline	d means pattern is applied)						
Zategory S Work With for Web	Work With for Smart Devices						
Apply this pattern on save							
Level (Speaker) List Detail Section (General) Section (SessionSpeakers)	1 parm(SpeğkerIg);	+ (MN 23.					
😡 Layout 🕒 Rules 🕅 Events 🚩 Conditions 🛍 Variables							
🖪 Structure 🗟 😽 Web Form 🔤 🗧	Win Form 🗟 Rules 😰 Events 😢 Variables 🥏 Help 🔮 Documentation 🌃 Patterns						

para que puedan filtrarse así en el grid

Batterns usable in this object (underline	d means nattern is applied)
Zategory S Work With for Web	Work With for Smart Devices
Apply this pattern on save	
Level (Speaker)	
Section (General)	GRID SessionName
	tt Style
	🦉 📕 Any Platform, View, Default Orientations 🗸 🕓 Add Layout 😢 Delete Layout
	🐻 Layout 🗟 Rules 🗑 Events 🍸 Conditions 😰 Variables
🖪 Structure 🗐 😽 Web Form 🗐 😽	Win Form 🗟 Rules 😰 Events 🚱 Variables 🤗 Help 🔮 Documentation 🔢 Patterns

las conferencias de ese speaker.

Si lo vemos en ejecución, elijamos del List de Speakers

😁 5554:GenexusAVD-XEv3	
Countries Speakers	
Sessions Favorites	$\frac{1}{2} \frac{2}{3} \frac{3}{4} \frac{5}{5} \frac{5}{6} \frac{6}{7} \frac{8}{8} \frac{9}{9} \frac{0}{0}$
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Restaurants	全 Z X C V B N M . ↓
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uno de los oradores

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🜃 Work With Speaker 🔍 📲			-							
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								-		
Uruguay) (IENU	9		9)		
Cardozo Armando										
Uruguay	1	2 [©]	3 #	4 \$	5%	6 ^	7&	8 *	9 (0)
Mr. Cardozo is a Systems Engineer graduated in the	0	w	Ε″	R	т {	Y }	U -	I	0+	P
School of Engineering of the University of the Republic (Uruguay)	À	s \	D	F [G]	Н <	>	ĸ	1 :	DEL
Gonda Breogan	4	7	X	c	V	R	N	M		-
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or legally	ALT	SYM	0	-	-	-	1910	/	1	ALT

y vemos que las 2 secciones están apareciendo como TABS en el emulador de Android

554:GenexusAVD-XEv3									[•
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General	Sessions			0					9		
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Country Name Uruguay	>										
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Email armacardozo@century.coi	m 🗡	ALT	SYM	0		-	_	→	1?		ALT

Si recordamos la aplicación que estamos usando como modelo, presentada en el primer video,



también podemos observar que con un diseño más prolijo, se mostraban las secciones del Detail como TABs cuando ejecutábamos en un dispositivo Android

ols_SectionContainer.control.in.Do	tail_sp	GeneX
Controls in lay	outs	Detail <section controls=""></section>
Cardozo Armando	Tabs Sessions Cardozo Armando Info Sessions 01/10/2014	
of the University of the Rep (Uruguay)	Coffee with (5) Coffee and SD Projects From: 9:30 (6) To: 10:00 SD Development (5) Android and the GeneXus Smart Device Generator	

Esta será la opción por defecto para esta plataforma; pero que sin embargo, cuando lo hacíamos un ipad, la parte de la sección general se mostraba inline, en el propio layout

ols, SectionContainercontrol.in.Detail_sp Designing		GeneXus
Controls in layouts		Detail <section controls=""></section>
🖬 📅 🖓 ता 📮 13:03	Pad ® < Event Day Speakers Blaccio Asimute	285 S9% €C Armando
Info Sessions	Mendan Products a Bonilla Fabian B Anach C	Cardozo Armando Contory 21 Keewaydin Prop Uruguay
Cardozo Arma Century 21 Kee Cardozo Armando Uruguay Info Sessions	Cardozo Armando Mr. Rep Cimas Alejandro S	Cardozo is a Systema Engineer graduated in the School of Engineering of the University of the school (Unguary)
Mr. Cardozo is a Systems E graduated in the School of 01/10/2014 of the University of the Rep (Uruguay) Coffee with	Artech Artech	
Coffee and SD Projects From: 9:30 To: 10:00	Gonda Breogan	
SD Development Android and the GeneXus Smart Device Generator	Currence Industries Guedes Lucia Artech	
From: 10:30 💿 To: 11:00	Inthamoussu Fabian w Utronic Industries x Jodal Nicolas y	

y la sección correspondiente a las conferencias, dado que tiene esta sección un grid,

Controls SectionContainer.control.in.Detail_sp Designing		Gei	neXus
Controls in layouts		Detail <section co<="" th=""><th>ntrols></th></section>	ntrols>
Cardozo Armando info Sessions Cardozo Armando Cardozo Armando Cardozo Armando Cardozo I a System 5 of the University of the Rep (Uruguay) Mr. Cardozo is a System 5 of the University of the Rep (Uruguay) Sessions To Development Android and the CeneXus Smart Device Generator From: 10:30 © To: 11:00	For a * Cent Day Sprakers Wangia Algundo Anardia Pondadia Wangia Algundo Wangia Consa Algundo Wangia Paradard Concalo Wangia Wangia <td< th=""><th>223 Amando Control of the series of the seri</th><th>595 D</th></td<>	223 Amando Control of the series of the seri	595 D

se mostraba con link a una pantalla independiente.

Is_sectionContainer.control.in.Detail_sp Designing		GeneXus
Controls in layouts		Detail <section controls=""></section>
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🕻 🙋 Cardozo Armando 💉 🔒 🛛 🕇 Ta bs	Blengio Alejandro Mendian Products	Cardozo Armando
Info Sessions 전 옷 네	Bonilla Fabian B Artech	Century 21 Keewaydin Prop Uruguay = Init
Cardozo Armando	Cardozo Armando	Mr. Cardozo is a Systems Engineer graduated in the School of Engineering of the University of the Expublic (Uniguny)
Mr. Cardozo is a Systems E	Cimas Alejandro H Artach	Session Lin
graduated in the School of 01/10/2014 of the University of the Rec	Fernandez Gonzalo x	Chint Day Speakers CAmando Session
(Uruguay) Coffee with Coffee and SD Projects	Conda Breogan N	The set of
From: 9:30 💿 To: 10:00	Artech	Cardoos Annando Android and the Genetics Smart Device Generator
SD Development	Gonzalez Guillermo o Litronic Industries n	From 15:00 @ To 16:00
Android and the GeneXus Smart Device Generator	Guedes Lucia S Artach U	Persander Gonzale
From: 10:30 S To: 11:00	Inthamoussu Fabian w	Constant Guilerss Constant Con
	Jodal Nicolas Y	Constant Lacita

Esta será la opción por defecto para un ipad.

¿Dónde está configurado este comportamiento? ¿Podríamos cambiarlo?

Dentro de las posibilidades de cada plataforma, podría variar la opción por defecto para que todas las secciones se presenten uniformemente, **de otra manera**, por ejemplo para que todo se muestre: inline

Designing			<u>Gепех</u>
Controls in lay	vouts		Detail <section controls=""></section>
Pad ♥	11:06	C a #89	
Bengio Alejandro Mendara Products Danilla Fabian Antech Controy 21 Alexandro Control 21 Controy 21 Alexandro Progr graduated in the School of Engineering of the University of the Republic (Jruguay) Conta Alejandro Antech	Cardozo Armando Cardozo Armando Cartury 21 Keewaydin Prop Uruguay Mr. Cardozo is a Systems Engineer graduated in the School of Engineering of the U Republic (Uruguay) Sessions: Cotta syst Coffee with Coffee with Coffee and SD Projects	Inline Newsity of the	
Fernandez Gonzalo Actach Gonda Breogan Actach	Prom: Firstour Q inc. 15:00 CD Towner Android and the GeneXus Smart Device Generator From: 15:30 Q To: 16:00	۲	
Gonzalez Guillermo			

Para ello, en el Layout del Detail, tenemos el control: <All Sections Content> (sólo válido allí):

13.Controls_SectionContainer.control.in. Designing	Detail_sp		GeneXus
Controls in la	youts		Detail <section controls=""></section>
Pad ♥ Event Day Speakers 	1108 Cardozo Armando	60% 🔳	Level (Speaker)
Blengio Alejandro Meridian Producta Bonilla Fabian Artects	Cardozo Armando Century 21 Keewaydin Prop Uruguay	Inline	Section (General)
Cardozo Armando Century 21 Keewaydin Prop Mr. Cardozo a systems Engineer graduated in the School of Engineering of	M. Cardozo is a System Engineer graduated in the School of Engineering of the University of the Republic (Durgun) Sessions:		Application Bar
the University of the Republic (Uruguay)	Coffee and SD Projects	۲	
Fernandez Gonzalo Artech Gonda Breogan	Android and the GeneXus Smart Device Generator Frem: 15:30 (2) To: 16:00	۲	
Gonzalez Guillermo Litronic Industries	A 4		the Style
Guedes Lucia Artach	Υ w γ		Any Platform, Any Mode, Default Orientations -
Litronic Industries			Layout Rules 🕱 Events 🔻 Conditions 🗟 Variables

Es un contenedor de las secciones.

Por defecto, el layout del Detail, se inicializa únicamente con este control. Podremos por supuesto agregar otros, como siempre.

13.Controls_SectionContainer.control.in.Detail.sp Designing			GeneXus
Controls in lay	youts		Detail <section controls=""></section>
i₽ad ♥ 〈 Event Day Speakers	1106 Cardozo Armando	60% m D	Level (Speaker)
Blengio Alejandro Mendian Products Bonilla Fabian Artecto	Cardozo Armando Century 21 Keewaydin Prop	Inline	Section (General)
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Cimas Alejandro Arlech	Coffee with Coffee and SD Projects From: 14:30 @ To: 15:00	۲	allContent: Sections
Artech Gonda Breogan	Android and the GeneXus Smart Device Generator From: 15:30 🕑 To: 16:00	۲	Control Name Sections Component Dictory Component
Gonzalez Guillermo Litronic Industries			
Guedes Lucia Artech Inthamoussu Fabian	v W X Y Z	Disc	Any P Link Link Link Layout B Rules D Events V Conditions & Variables

Control que asume en su propiedad Display, el valor : Platform Default. **Es este valor el que produce la diferencia de comportamiento que vimos antes.** Pero podemos modificarlo para que asuma por ejemplo el valor Inline.

13.Controls_SectionContainer.control.in	Detail_sp		GeneXus
Controls in la	youts		Detail <section controls=""></section>
Pur Y Pu	Cathoo Annuards Cathoo Annuard	Inline Unime Unime	Application Bit Application Solution Control Name Control Name Control Name Control Name Control Name Control Name Platform Default Appearance Platform Default
Contra Look	1 9 9		Cell information Tab Inline Link

De este modo, todas las secciones se presentarán en la misma pantalla, como vemos en la pantalla de la izquierda



Pero... ¿y si queremos que algunas secciones se presenten de una manera y otras de otra?

Por ejemplo, si vamos al listado de conferencias

13.Controls_SectionContainer.control.in.Detail_sp	GeneXu	S
S554:GenexusAVD-XEv3		
%jf 🖬 3:04		
<u></u>		
Countries Speakers		
Sessions Favorites	1 [!] 2 [@] 3 [#] 4 ^{\$} 5 [%] 6 [^] 7 ^{&} 8 [*] 9 ⁽ 0 ⁾	
(U)	Q W E R T Y U - I O P =	
	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	
Restaurants		
	ALT SYM @/ / : , ALT	

Y queremos visualizar para el detalle de una conferencia

13.Controls_SectionContainer.control.in.Detail_sp		GeneXus
G SSS/GaraveAVD, Vb/2		
201 B 2:05		
Work With		
Fernandez Gonzaio		
9/29/14 - 11:15 AM		
Technical Introduction to GeneXus Server		
Olmos Gustavo		
9/30/14 - 8:00 AM		
SD.Development	1 [!] 2 [@] 3 [#] 4 ^{\$} 5 [%] 6 [^] 7 ^{&} 8 [*] 9 ⁽ 0	
searching for schopterbar With the school even we serve the web in	$\mathbf{Q}^{\dagger}\mathbf{W}^{\bullet}\mathbf{E}^{\dagger}\mathbf{R}\mathbf{T}^{\dagger}\mathbf{Y}^{\dagger}\mathbf{U}^{-}\mathbf{I}\mathbf{O}^{\dagger}\mathbf{P}$	
Annalista Science and Annalis	A S D F G H J K L	
Cimas Alejandro, Guedes Lucia, Bonilla Fabian, Blengio Alejandro		

sus secciones, no como TABs



sino la General: inline

13.Controls_SectionContainer.control.in.Deta	sil_sp	GeneXus
9	5554:GenexusAVD-XEv3 Image: Speakers Design and Developmen Image: General Speakers Design and Development: searching for integration 9/30/14 Image: Speakers Design and Development: searching for integration 9/30/14 Image: Speakers Design and Development: searching for integration 9/30/14 Image: Speakers Design and Development: searching for integration 9/30/14 Image: Speakers Design and Development: searching for integration 9/30/14 Image: Speakers Design and Development: searching for integration 9/30/14 Image: Speakers Design and Development: searching for integration 9/30/14 Image: Speakers Design and Development: searching for integration 9/30/14 Image: Speakers Design and Development: searching for integration 9/30/14 Image: Speakers Design and Development: searching for integration 9/30/14 Image: Speakers Design and Development: searching for integration 9/30/14 Image: Speakers Design and Development: searching for integration	Genexus
	What is the process we currently apply to develop SD applications? We will be sharing the experience of the past year in design and development for SD applications. Image: Constraint of the past year in design and development for SD Specifications. Specifications.)) , = 2EL 23 - 2 -

y la de los oradores como un link a una pantalla independiente, lo que era el comportamiento default en un ipad



no nos alcanzará con ir al nodo Detail del Work With Sesion... y posicionado sobre el control <All Sections Content>



y modificar el valor de la propiedad Display... porque ¿qué valor pondríamos?

Session ×		 Properties 	4 ×
Patterns usable in this object (underlined n	neans pattern is applied)	Al Filter	
		- allContent: Sections	;
Category Work With for Web	Work with for Smart Devices	Control Name	Sections
Apply this pattern on save		= Component	
Level (Session)		Display	Platform Default
List		- Appearance	Platform Default
Detail		Tab Section Class	Tab
Section (General)	[<all content="" sections="">]</all>	Visible	Inline 13
Section (Sneakers)	Х	Invisible Mode	LINK Neep opuce
Section (speakers)		 Cell information 	
		Row Span	1
		Col Span	1
		Horizontal Alignment	: Default
		Vertical Alignment	Default
Inyout Style	 Any Platform, Any Mode, Default Orientations → O Add Layout O Delete Layout Layout B Rules S Events T Conditions S Variables 	-	
🔋 Structure 🗐 援 Web Form 📴 援 W	in Form 🗟 Rules 😰 Events 😢 Variables 🤣 Help 📓 Documentation 🏙 Patterns		

Recordemos que nosotros queremos que la Section General se muestre inline

Category 😼 Work With for Web	2 1	Work With for Smart Devices	
Apply this pattern on save			
Level (Session)		- Application Bar Schedule Share	
Section (General)		SessionName	
Section (Speakers)	1		
	tyle	SessionDescription	
	in in		
	yout		
	La	🛿 Any Platform, Any Mode, Default Orientations 🝷 🛟 Add Layout 🔞 Delete Layo	out
	Lay	Any Platform, Any Mode, Default Orientations 🗸 🕤 Add Layout 🙆 Delete Layo	out

Y la Section Speakers se muestre como un link a una pantalla independiente

Session X	•
Patterns usable in this object (underlined r	neans pattern is applied)
Category 😨 Work With for Web	Work With for Smart Devices
Apply this pattern on save	
Level (Session)	+ Application Bar
E Detail Section (General) Section (Speakers)	GRID SpeakerFullName
Layout	Any Platform, View, Default Orientations G Add Layout O Delete Layout
	Layout 🗟 Rules 🗑 Events 🝸 Conditions 🙆 Variables
🔋 Structure 💽 🎋 Web Form 📴 🎋 W	in Form 🗟 Rules 😰 Events 🚱 Variables 🥏 Help 😰 Documentation 🗾 Patterns

Entonces lo que haremos será editando la Toolbox

Session * X	✓ X ⁺ Toolbox
Patterns usable in this object (underlined means pattern is applied)	🕀 Controls
Category 🔽 Work With for Web 🖻 Work With for Smart Devices	E Attribute/Variable
Annly this nattern on save	Button
Level (Session)	Image
- Application Bar	An Text Block
Content> Content>	G Containers
Section (Speakers)	E Canvas
	III Grid
	🖵 📜 Group
	Tab
	Table
	🕞 Data
	E RoomImage
E	E SessionDescription
ort	- Em SessionInitialDate
🚊 📗 Any Platform, Any Mode, De	fault Orientations 👻 😯 Add Layout 😢 Delete Layout 📾 SessionInitialTime
Lavout 🗟 Rules 🕅 Events	Conditions 🕲 Variables
	Burne Barne Birger
Structure 🗎 🛪 Web Form 🛄 🛪 Win Form 🖻 Rules 🕅 Events	W Variables Felp Speakerimage
Output	a X 🖂 Actions
Show : General	Autoscroll ScheduleSession
Pattern generation (WorkWithDevicesSession) Success	SessionFavorite
	ShareSession

posicionarnos sobre el control <All Sections Content> y eliminarlo del layout

E Session * X		-
Patterns usable in this object (unde	rlined means pattern is applied)	
Category 😨 Work With for W	/eb 📑 Work With for Smart Devices	
Apply this pattern on save		
Level (Session)	Application Bar	- III
Session* ×		*
Patterns usable in this object (under	lined means pattern is applied)	
Zategory S Work With for W	eb 🕞 Work With for Smart Devices	
Apply this pattern on save		
 Level (Session) List Detail Section (General) Section (Speakers) 	- Application Bar	< <u> </u>
	Yout	*
	🚊 📕 Any Platform, Any Mode, Default Orientations 👻 😋 Add Layout 😢 Delete Layout	Į
	😺 Layout 🗟 Rules 🕅 Events 🍸 Conditions 😢 Variables	
🖪 Structure 🗐 😽 Web Form 🖥	🆐 Win Form 🗟 Rules 😰 Events 🕲 Variables 🤗 Help 🖺 Documenta 🌃 Patterns *	

Al hacerlo, observemos que aparecerá automáticamente no sólo ese control, para poder reinsertarlo

Session* ×	-	XA Toolbax	ą 🗙
Patterns usable in this object (underlined means pattern is applied)		An Taxt Block	
Category 😨 Work With for Web 📑 Work With for Smart Devices		Containers	
Apply this pattern on save			
Level (Session) Application Bar		Grid Grid	
Detail	<u> </u>	Group	
Section (General)		Tab	
	11	IIII Table	
		🗟 Data	
		E Roomimage	
		E SessionDescription	
		E SessionInitialDate	
		œ⊞ SessionInitialTime	
tyle		ED SessionName	=
2		E00 SpeakerFullName	
🖉 📄 Any Platform Any Mode Default Orientations 🖬 🧑 Add layout 🙆	Delete Lavout	EB SpeakerImage	
	Delete Layout	Actions	
🔯 Layout 🗟 Rules 🛣 Events 🚩 Conditions 🕲 Variables		ScheduleSession	
🔋 Structure 💿 痜 Web Form 📴 א Win Form 🗟 Rules 😰 Events 🕄 Variables 🦃 Help 🔮 Document	a 🏙 Patterns *	SessionFavorite	
I Output	д х	ShareSession	
Show: General	+ Autoscroll	Sections	
Pattern generation (WorkWithDevicesSession) Success		All Sections Content	
		Section: General	
		Section: Speakers	
Output Error List Option the Option of the		* Toolbox Properties	

sino un Section content para cada sección, de manera de poder insertarlos separadamente

Session* X	X Toolbax	4 X
Patterns usable in this object (underlined means pattern is applied)	An Text Block	
Category 🔄 Work With for Web 📑 Work With for Smart Devices	Containers	
Apply this pattern on save	Canvas	
Level (Session) + Application Bar	I Grid	
Detail	🛄 Group	
- Section (General)	Tab	
Section (Speakers)	Table	
	🖯 Data	
	EØ RoomImage	
	EX SessionDescription	
	EX SessionInitialDate	
	■0 SessionInitialTime	
2 e	EM SessionName	
	■10 SpeakerFullName	
10 A	E0 SpeakerImage	
I any Platform, Any Mode, Default Orientations - 🕤 Add Layout 🚱 Delete Layout	Actions	
😺 Layout 🗟 Rules 🕅 Events 🚩 Conditions 🕲 Variables	ScheduleSession	
🔋 Structure 🗟 奏 Web Form 🗟 🛠 Win Form 🗟 Rules 🗑 Events 🚯 Variables 🔗 Help 🔮 Documenta 🏙 Patterns*	SessionFavorite	
🗉 Output 🕴 🕂 🗶	ShareSession	
Show: General 🗸 🗙 🕹 Autoscroll	Sections	
Pattern generation (WorkWithDevicesSession) Success	All Sections Content	
	Section: General	
	Section: Speakers	

Son como content place holders, en los que los layouts de las secciones se cargarán.

Entonces, arrastramos la Section General



Y hacemos lo mismo con la Section Speakers



Session* ×		*
Patterns usable in this object (underline	ned means pattern is applied)	
Zategory SWork With for Web	b 🚯 Work With for Smart Devices	
Apply this pattern on save		
Level (Session)	- Application Bar	
Detail		*
💽 Section (General)	<section: general=""></section:>	
Section (Speakers)	Contraction: Speakers>	E
	L	
	TTO ATT Any Platform, Any Mode, Default Orientations - • • Add Layout	+ te Layout
ſ		c Luyout
	Layout Alles M Events Conditions Variables	
📑 Structure 📑 🍝 Web Form 📑	Ķ Win Form 🚯 Rules 🗑 Events 🚯 Variables 🔗 Heln 🕲 Documenta	Patterns *

y si vamos luego a las propiedades, vemos que sigue estando la propiedad Display, que va a indicar cómo se va a mostrar entonces esta sección

Session * ×	-	Properties		ųΧ
Patterns usable in this object (underlined means pattern is applied)				
	Í	- oneContent: Section	1	1
Category S Work With for Web M Work With for Smart Devices		Control Name	Section1	
✓ Apply this pattern on save		Content	Section: General	
Level (Session)		Parameters		
- Application Bar		- Component		
Detail Operation	-	Display	Inline	*
Section (General)		Auto Grow	nue	
Section (Sneaker)		Show Section Title	False	
<section: speakers=""></section:>	=	 Appearance 		
		Visible	True	
		Invisible Mode	Keep Space	
		 Cell information 		
		Row Span	1	
		Col Span	1	
		Horizontal Alignment	Default	
		Vertical Alignment	Default	
Any Platform, Any Mode, Default Orientations Add Layout Delete Layout Layout Delete Layout De	+			

sólo que ahora solamente puede asumir uno de estos 2 valores: Inline o Link

Session* X	•	Properties		4 ×
Patterns usable in this object (underlined means pattern is applied)		2↓ Filter		
		- oneContent: Section	1	
Category S Work With for Web B Work With for Smart Devices		Control Name	Section1	
Apply this pattern on save		Content	Section: General	
Level (Session)		Parameters		
Application Bar		 Component 		a segure
Detail		Display	Inline	-
Section (General)		Auto Grow	Inline	
Section (Snaker)		Show Section Title	Link 2	
Section (opearers)	E	- Appearance		
		Visible	True	
		Invisible Mode	Keep Space	
		 Cell information 		
		Row Span	1	
		Col Span	1	
		Horizontal Alignment	Default	
		Vertical Alignment	Default	
Image: Structure Image: Structure <td< td=""><td>+ Layout Patterns *</td><td></td><td></td><td></td></td<>	+ Layout Patterns *			

Evidentemente no podrá asumir el valor: TABs

Queremos que esta sección se muestre: Inline

E Session* ×	-	T Properties		4 X
Patterns usable in this object (underlined means pattern is applied)		2↓ Filter		
		- oneContent: Section	1	
Category S Work With for Web M Work With for Smart Devices		Control Name	Section1	
Apply this pattern on save		Content	Section: General	
Level (Session)		Parameters		
Application Bar		 Component 		
Petail		Display	Inline	-
Section (General)		Auto Grow	True	
Section (Cenetar)		Show Section Title	False 13	
Section (speakers)	E	 Appearance 		
		Visible	True	
		Invisible Mode	Keep Space	
		 Cell information 		
		Row Span	1	
		Col Span	1	
		Horizontal Alignment	Default	
		Vertical Alignment	Default	
Q				
<i>i</i>				
no	-			
🚊 📲 Any Platform, Any Mode, Default Orientations 🗕 💽 Add Layout 😢 Delete Layo	ut			
😡 Layout 🗟 Rules 🕅 Events 🚩 Conditions 🛍 Variables				
🔋 Structure 🗟 痜 Web Form 🗟 א Win Form 🗟 Rules 🕅 Events 🗟 Variables 🔗 Help 🗟 Documenta 🎬 Pat	terns *			

Y si vamos a la otra, queremos que se muestre como un Link:

13.Controls_SectionContainer.control.in.D	etail_sp			
File Edit View Layout Insert Build	Knowledge Manager Window Tools 1	Help		
DIM 30 1 % (2) (2)	🗧 🔛 🛗 🚠 🕨 Ruby Environment	Release V v i KnowledgeBase v Search v		
🖸 Knowledge Base Navigator 🛛 🛱 🗙	Session * ×		 Properties 	
Folder View	Patterns usable in this object (underline	ed means pattern is applied)	2↓ Filter	
+ Quick Access	Category S Work With for Web	B Work With for Smart Devices	oneContent: Sectio Control Name	n2 Section2
Gx0060	Apply this pattern on save		Content	Section: Speakers
Gx0071	Level (Session)		- Component	
Gx0090	Detail Section (General) Section (Speakers)	<section: general=""></section:>	Auto Grow Show Section Title	Inline Inline Link
Restaurant	(a) (speakers)	Kection: Speakers> Z	Appearance Visible Invisible Mode	True Keep Space

Debemos reparar como siempre, en el tamaño que ocupa cada fila. Si observamos,

Session* X			+
Patterns usable in this object (underli	ned m	eans pattern is applied)	
Category S Work With for We	2	Work With for Smart Devices	
Apply this pattern on save			
Level (Session)		+ Application Bar	
Section (General)		<section: general=""></section:>	
		<section: speakers=""></section:>	
			H
	rle		
	Sty	J	
	Layout	Preview Any Platform, Any Mode, Default Orientations 🗸 🕄 Add Layout 😢 Delete Layout	-
	1	ayout 🗟 Rules 🛣 Events 🝸 Conditions 🕼 Variables	
🔋 Structure 🗟 % Web Form 📴	win or	n Form 🚯 Rules 😰 Events 🔂 Variables 🥏 Help 🖺 Documenta 🏙 Patterns*	

cada fila está ocupando 100% del tamaño,

E Session* X		-	Properties		ά×
Patterns usable in this object (underlined n	neans pattern is applied)		A↓ Filter		
			- Table: MainTable		
Category S Work With for Web	Work With for Smart Devices		Control Name	MainTable	
Apply this pattern on save		- 11	Columns Style	100%	
Level (Session)			Rows Style	100%; 100%	
List			Width	100%	
- Detail			Height	100%	
Section (General)	<section: general=""></section:>		Auto Grow	True	
Section (Sneakers)			 Appearance 		
Section (Speakers)	<section: speakers=""></section:>		Class	TableDetail	
			Visible	True	
		-	Invisible Mode	Keep Space	
		-	Enabled	True	
			Background	(none)	
			+ Scroll Behavior		
			= Form		
			Form Class	Form	
Style					
Layout	Preview Any Platform, Any Mode, Default Orientations - 🚱 Add Layout 😢 Delete Layout ayout 🗟 Rules 🕅 Events 🏹 Conditions 🚱 Variables	Ŧ			
🔋 Structure 🗐 🐔 Web Form 📴 🐔 W	in Form 🗟 Rules 🗑 Events 民 Variables 🥏 Help 🗟 Documenta 🇾 Patterns*		+ Categories		

por lo tanto, la primera sección va a aparecer ocupando todo el espacio disponible

Session* X		-
Patterns usable in this object (underlined me	ans pattern is applied)	
🛃 Category 😼 Work With for Web 盾	Work With for Smart Devices	
Apply this pattern on save		
Level (Session)	column: 100%	
Section (General)	<section: general=""> table: 100% × 100% screen: 240dip × 320dip Any Platform, Any Mode, Default Orientations ryout Rules Provents Conditions</section:>	 • • Add Layout (2) Delete Layout • Variables
🔋 Structure 🗟 🏍 Web Form 📴 🗞 Win	Form 🗟 Rules 🗑 Events 🗟 Variables 🥝	Help 🙆 Documenta 🏙 Patterns *

y no se va a ver la segunda sección, que es la que corresponde al link

Patterns usable in this object (und	erlined means pattern is applied)	
Category S Work With for	Web Work With for Smart Devices	
Apply this pattern on save		
Level (Session)	+ Application Bar	
Detail		
Section (General)	<section: general=""></section:>	
Section (Speakers)	<pre></pre>	
	Section2	
	<u>e</u>	
	<u></u>	
	D Preview	
	🚊 🧾 Any Platform, Any Mode, Default Orientations 👻 🕄 Add	Layout 🙆 Delete Layout
	Relation Bracks Stranger Variables Brackster	1
	AVOLT IS BUIES IN EVENTS I LODOTIONS IN VARIANIES	5.1

Video filmado con GeneXus X Evolution 3

Entonces lo que vamos a hacer, es modificar el tamaño de la segunda, fila para ponerle el valor: Platform Default



Ahora sí, de esta manera, se va a reservar ese espacio Platform Default para esa sección

Session* ×		-
Patterns usable in this object (underlined m	eans pattern is applied)	
Zategory 😨 Work With for Web	Work With for Smart Devices	
Apply this pattern on save		
Level (Session)	column: 100%	
Section (General)	<section: general=""></section:>	100%
Layout Style	<seconom: speakers=""> table: 100% x 100% screen: 240dip x 320dip Any Platform, Any Mode, Default Orientation ayout Rules Rules Conditions</seconom:>	s - C Add Layout C Delete Layout
🗉 Structure 🗟 😽 Web Form 🗟 🧏 Wi	n Form 🗟 Rules 🕏 Events 🚱 Variables 🕻	🖗 Help 📓 Documenta 🌃 Patterns *

y el 100% restante va a ser ocupado por la sección General (con scroll si lo necesita)

Session* ×		
Patterns usable in this object (underlined r	neans pattern is applied)	
Zategory 😨 Work With for Web	Work With for Smart Devices	
Apply this pattern on save		
Evel (Session)	column: 100%	
Detail	<section: general=""></section:>	100%
Style	<section: speakers=""></section:>	pd
Layout	screen: 240dip x 320dip	🕶 😋 Add Layout 😮 Delete Layout
	Layout 🗟 Rules 🔂 Events 🔻 Conditions 🖗	Variables
🖪 Structure 🗖 🧏 Web Form 🗐 😽 W	in Form 🗟 Rules 🕅 Events 🗟 Variables 🗲	Help 📓 Documenta 🇾 Patterns *

Hagamos F5 y probemos lo hecho

Session * ×		-
Patterns usable in this object (underlined m	neans pattern is applied)	
Zategory S Work With for Web	Work With for Smart Devices	
Apply this pattern on save		
Level (Session)	column: 100%	
Detail	<section: general=""></section:>	100%
byle	<section: speakers=""></section:>	pd
Layout S	table: 100% x 100% screen: 240dip x 320dip Any Platform, Any Mode, Default Orientations	🕈 👻 🔿 Add Layout 😮 Delete Layout
I	Layout 🗟 Rules 🛣 Events 🟹 Conditions 🔞	Variables
🖪 Structure 🗐 😽 Web Form 🗐 😽 Wi	in Form 🗟 Rules 😰 Events 🗟 Variables 🗲	Help 🖺 Documenta 🌃 Patterns *

5554:GenexusAVD-XEv3	
	(2) (2) (2) (2) (2) (2) (2) (2) (2) (2)
😄 5554:GenexusAVD-XEv3	
3:59 Work With ○ Q P Olmos Gustavo 9/30/14 - 8:00 AM	
SD Development Design and Development: searching for integration What is the process we currently apply to develop SD applications? We will be sharing the experience of the past year in design and	
SD Development Design and Development: searching for integration What is the process we currently apply to develop SD applications? We will be sharing the experience of the past year in design and development for SD applications. Cimas Alejandro, Guedes Lucia, Bonilla Fabian, Blengio Alejandro 9/30/14 - 10:00 AM	1 2@ 3# 4 5 6 7 8 9 0) Q W E R T Y U - I 0 + P



Vemos como ya no salen más los TABs y está apareciendo el link

🕮 5554:GenexusAVD-XEv3										0	
Image: Second system Image: Second system Image: Second			3 2 1	0 6 6					8) 0 0		
	1	1 1	2 [@]	3 [#]	4 ^{\$}	5 [%]	6 [^]	7 ^{&}	8 * T -	9 (0 ⁺	0 ⁾
		2 1		<u> </u>	R	1	1	0	1	0	DEL
	F	4	S `	D	F	G	Н	J	K '	L	$\overline{\mathbf{x}}$
Speakers	4	슝 ;	Z	Х	С	V	В	N	М		ł
	Ļ	ALT	SYM	0		1	_	-→I	1?	,	ALT

GenexusAVD-XEv3								[8	
36 ▲ 4:01 Speakers			0					6		
Cimas Alejandro) (AENU	X G		2		
Guedes Lucia	1 0	2 [@] W [~]	3 [#] E [″]	4 ^{\$} R	5 [%] T [{]	6 ^ Y }	7 ^{&} U -	8 * I	9(0 ⁺	0) P ⁼
	A	s `	D	F [G ¹	H <	ے ک ا	K	L	
G	ALT	Z SYM	× @	C	V	- B		/ ?		ALT

Podríamos eliminar secciones de nuestro Work With

≣ Session × & Diagram2 ×		r.
Patterns usable in this object (underlined me	ans pattern is applied)	
🛃 Category 🗧 Work With for Web 📑	Work With for Smart Devices	
Apply this pattern on save		
Level (Session)	- Application Bar	I
Detail		
Section (General)	<section: general=""></section:>	l
Section (Speakers)	<section: speakers=""></section:>	l
		l
		l
		J
tyle		
ut s		
ayou	Any Platform, Any Mode, Default Orientations - C Add Layout 🙆 Delete Layout	
		1
	yout 🖼 Rules 📶 Events T Conditions 🖭 Variables	
🗉 Structure 💽 😽 Web Form 📴 🏍 Win	Form 🗟 Rules 😰 Events 🚱 Variables 🤗 Help 🖺 Documentati 🏙 Patterns	

de hecho si vamos a ver la estructura de la transacción, vemos que el nivel de Tracks

ame	Туре	Formula	Description	Redundant	Nullable			
) 📰 Session	Session	Session			Session			
💡 SessionId	Id		Session Id		No			
🔑 SessionName	Name		Session Name		No			
 SessionDescription 	Description		Session Desc		No			
🔻 RoomId	Id		Room Id		No			
🖌 RoomName	Name		Room Name					
 SessionInitialDate 	Date		Session Initia		No			
SessionFinalDate	Date		Session Final		No			
 SessionInitialTime 	DateTime		Session Initia		No			
 SessionEndTime 	DateTime		Session End		No			
f * SessionSpeakers	Character(200)	GetSessionSpe	Session Spea					
 SessionIsKeynote 	Boolean		Session Is Ke		No			
Speakers	Speakers		Speakers					
	Id		Speaker Id		No			
	VarChar(60)	SpeakerSurna	Speaker Full					
E Tracks	Tracks		Tracks					
	Id		Track Id		No			
TrackDescription	Name		Track Descrip					

no está representado en el pattern

Session 🗙 🖧 Diagram2 🗙	
Patterns usable in this object (underlined m	eans pattern is applied)
Zategory 😨 Work With for Web	Work With for Smart Devices
Apply this pattern on save	
Level (Session)	 Application Bar
Section (General)	<section: general=""></section:>
ß	<section: speakers=""></section:>
Layout Style	Any Platform, Any Mode, Default Orientations - 3 Add Layout
	ayout 🗟 Rules 😰 Events 🔻 Conditions 🕲 Variables
🗉 Structure 🗐 😽 Web Form 📴 🧏 Wil	n Form 🗟 Rules 😰 Events 😰 Variables 🥏 Help 🖺 Documentati 🌃 Patterns

Esto es porque se ha eliminado previamente.

De la misma manera, podemos agregar secciones

Bigram2 × Session* × Patterns usable in this object (underli	<mark>ned</mark> me	eans pattern is applied)	+
Category 😨 Work With for We	b 盾	Work With for Smart Devices	
Apply this pattern on save			
Level (Session)		Application Bar	
Detail		Section Seneral>	
Delete SUPR		<section: speakers=""></section:>	
			11
			l
	Style		
	out		+
	Layc	Any Platform, Any Mode, Default Orientations 🗸 🕐 Add Layout 🙁 Delete Layout	
	😺 La	ayout 🗟 Rules 🕱 Events 🝸 Conditions 🚯 Variables	
🖪 Structure 🗟 援 Web For 📴	Win	Form 🗟 Rules 🗑 Events 🔕 Variables 🥏 Help 🖺 Documenta 🌃 Patterns *	

Tanto que hubieran existido, como la sección Tracks

Diagram2 × El Session * × Patterns usable in this object (unde Category S Work With for V Apply this pattern on save	rlined means pattern is applied)
Level (Session) List Detail Section (General) Section (Speakers)	Application Bar Section: General> Section: Speakers> Write new section code Tracks OK Cance Any Platform, Any Mode, Default Orientations - O Add Layout O Delete Layout Any Platform, Any Mode, Default Orientations - O Add Layout O Delete Layout Event Conditions
🔋 Structure 🗟 援 Web For	🚟 Win Form 🗟 Rules 🗑 Events 🕼 Variables 🤗 Help 🙆 Documenta 🔢 Patterns *

como nuevas

🔏 Diagram2 🗙 🖬 Session* 🗙		· · · · · · · · · · · · · · · · · · ·
Patterns usable in this object (under	lined mea	ns pattern is applied)
Zategory 😨 Work With for We	eb 🖪	Work With for Smart Devices
Apply this pattern on save		
Level (Session)		Application Bar
	7	
Section (General) Section (Speakers) Section (Tracks)		
		E
		43
	a	
	Styl	
	/out	
	La)	Any Platform, Any Mode, Default Orientations 👻 😲 Add Layout 😢 Delete Layout
	😺 Lay	out 🗟 Rules 🗑 Events 🍸 Conditions 🚯 Variables
🖪 Structure 🖬 🏍 Web For 🛅	😽 Win F	orm 🗟 Rules 😰 Events 🚱 Variables 🤗 Help 🖺 Documenta 🎬 Patterns *

Vemos que aparece el Layout vacío

🛞 Diagram2 🗙 🧮 Session * 🗙		↓ X ² Toolbox
Patterns usable in this object (underlined	means pattern is applied)	Controls
Category Work With for Web Apply this pattern on save Level (Session)	 Work With for Smart Devices Application Bar 	Attribute/Variable Button Image An Text Block
Detail Section (General) Section (Speakers) Section (Tracks)	Any Platform, Any Mode, Default Orientations - 🕐 Add Layout 🔇 Delete Layout	Canvas Canvas Canvas Grid Tab Table
	Layout 🗟 Rules 😰 Events 🍸 Conditions 🚱 Variables	
🞚 Structure 🗟 😽 Web For 🗟 🈽	Vin Form 🗟 Rules 😰 Events 🚱 Variables 🥏 Help 🔮 Documenta 騹 Patterns	*

Vamos a la Toolbox, agregamos un grid por ejemplo y el atributo TrackDescription

					a). + 1
🔏 Diagram2 🗙 🖬 Session*	Insert Attribute/Var	iable		× -	X. Loolbox
Patterns usable in this object (u	Filters				
Zategory 😨 Work With fi	Pattem:	track			Attribute/Variable
Apply this pattern on save	Object Type:	Table	-		Button
Level (Session)	Object:		*		An Text Block
Detail	<u> </u>				E Containers
Section (General)	Creates an	attribute control forea	ach attribute/variable sele	81	
Section (Speakers)	Drag a column	here to group by that colur	nn		
	L Name	Ture	Description	E	Groun
	Att TrackColor	Colors	Track Color		Tab
	Att TrackDescrip	tion Name	Track Description		Table
				ete Layout	
🖪 Structure 🗐 援 Web For	New Variable	Edit	OK Cancel	Patterns *	
🗐 Output				ф х	
Patterns usable in this of Category Work Apply this pattern on Level (Session) List Detail	bject (underlined With for Web save	d means pattern is app Work With for Si Application Bar	plied) mart Devices		
Section (Gener Section (Speak Section (Track	ral) (ers) (s)	GRID TrackDescriptic	2n		
	Ch-do Ch-do	s Ar			
	tion				-
		Any Platform, A	ny Mode, Default Orienta	tions - 😯 Add La	yout 😢 Delete Layout
		Zayout Rules	Events T Condition	s 🕲 Variables	1 27 -
🖪 Structure 💽 🔧 We	b For	Win Form	Events 🖾 Variable	s 🖤 Help 🖺 D	ocumenta Patterns *

y no debemos olvidar ir a especificar la regla Parm

🔏 Diagram2 🗙 🧮 Session* 🗙	· · · · · · · · · · · · · · · · · · ·
Patterns usable in this object (underlined	means pattern is applied)
Zategory S Work With for Web	Work With for Smart Devices
Apply this pattern on save	
Level (Session)	+ Application Bar
Detail	GRID
Section (Speakers)	TrackDescription
Section (Tracks)	
	E
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R.	
, out	J
Ľ	Any Platform, Any Mode, Default Orientations 🗸 💽 Add Layout 🔞 Delete Layout
	Layout 🗟 Rules 🗹 Events 🝸 Conditions 🕲 Variables
🔋 Structure 🔳 援 Web For 📴 援 V	Vin Form 🗟 Rules 😨 Events 🚱 Variables 🧇 Help 🖺 Documenta 🎬 Patterns *

para mostrar nada más, los tracks de la SessionId correspondiente

🖧 Diagram2 🗙 📰 Session* 🗙	•
Patterns usable in this object (underline	ed means pattern is applied)
Zategory 😨 Work With for Web	E Work With for Smart Devices
Apply this pattern on save	
Level (Session) List Detail Section (General) Section (Speakers) Section (Tracks)	1 parm(in: SessionId)
	× *
	😺 Layout 🗟 Rules 🕱 Events 🝸 Conditions 🗟 Variables
🖪 Structure 🖬 😽 Web For 📳	🖁 Win Form 🗟 Rules 😰 Events 🗟 Variables 🤗 Help 🖺 Documenta 🇾 Patterns *

Video filmado con GeneXus X Evolution 3

Al igual que en web panels, los atributos que aparezcan en la regla Parm, no van a participar en la determinación de la tabla base del grid, por lo que de ser este el único atributo presente, ña tabla base encontrada va a ser TRACKS y no es la deseada

🔏 Diagram2 🗙 🗐 Session* 🗙		-
Patterns usable in this object (underli	ined means pattern is applied)	
Category 😨 Work With for We	B Work With for Smart Devices	
Apply this pattern on save		
Level (Session)	+ Application Bar	
Detail		<u>^</u>
Section (General)		
Section (Speakers)		
		ш
	a.	
	TAS .	
	luna luna luna luna luna luna luna luna	τ.
	🚊 📗 Any Platform, Any Mode, Default Orientations 🗸 🛟 Add Layout 😳 Delete Layo	out
	😺 Layout 🗟 Rules 🕅 Events 🍸 Conditions 🔂 Variables	
🖪 Structure 🗐 😽 Web For 📴	焉 Win Form 🗟 Rules 😰 Events 🔂 Variables 🥏 Help હ Documenta 🌃 Patt	terns *

La deseada es la tabla correspondiente a este segundo nivel de la transacción Session, es decir, la tabla relación:

ne	Туре	Formula	Description	Redundant	Nullable
📰 Session	Session		Session		
💡 SessionId	Id		Session Id		No
🔑 SessionName	Name		Session Name		No
- SessionDescription	Description		Session Desc		No
🖉 RoomId	Id		Room Id		No
🖌 RoomName	Name		Room Name		
- SessionInitialDate	Date		Session Initia		No
• SessionFinalDate	Date		Session Final		No
 SessionInitialTime 	DateTime	DateTime			No
• SessionEndTime	DateTime	DateTime			No
fx SessionSpeakers	Character(200)	GetSessionSpe	Session Spea		
- SessionIsKeynote	Boolean		Session Is Ke		No
E Speakers	Speakers		Speakers		
	Id		Speaker Id		No
	VarChar(60) SpeakerSurna Speaker Full				
E Tracks	Tracks		Tracks		
	Id Track Id			No	
ArackDescription	Name		Track Descrip		

para que justamente se puedan filtrar los tracks de **esa** sesión. Por tanto, tenemos que indicar a nivel del grid, entre sus propiedades, la propiedad **Base Trn**, indicando que se va a tratar de Session.Tracks, es decir, la tabla asociada a ese nivel.

A Diagram2 × Session* ×	→ Properties	4 X
Patterns usable in this object (underlined means pattern is applied)	2↓ Filter	
Category 🗊 Work With for Web 🖪 Work With for Smart Devices	Selection Type Selection Flag	Platform Default
Apply this pattern on save Level (Session) - Application Bar	Default Selected It	m Li Layout1
Detail	Control Type Auto Grow	False
Section (Speakers)	- Appearance	
Section (Tracks)	Class	Grid
Editing Base Trn	Visible	True
Community Session.Tracks	Invisible Mode	Keep Space
	* Enabled	True
	Rows	<default></default>
	Empty Grid Back	rour (none)
	Empty Grid Back	rour mage
	Empty Grid Text	at TaukBlack
	Empty Grid Text	Jas: Texblock
	- Data Selector	
	Cell mormador	
т	Row span	1
	Corspan	
ę	Horizofital Alignme	Default
जि <u>।</u>	t Dofroch times t	, Derault
e	Refresh diffeour	
Š, s	Ok Cancel Orders	(0 orders)
🖄 📕 Any Platto	Courts	(0 filters)
Burn Baul Stranger Burn	Genditions	(o mars)
Layout 🖾 Rules 🗗 Events 🖡 Conditions 🗺 Van	Base Tm	
🖪 Structure 🗐 🍜 Web For., 🗐 🍜 Win Form 🗟 Rules 🕅 Events 🚱 Variables 🤗 Help	Documenta. Patterns*	~

Si ahora ejecutamos, como en el nodo Detail no tenemos el control asociado a la sección que acabamos de ingresar

🔒 Diagram2 🗙 🧮 Session* 🗙	-
Patterns usable in this object (underlined r	neans pattern is applied)
Zategory S Work With for Web	Work With for Smart Devices
Apply this pattern on save	
Level (Session)	- Application Bar
Section (General)	<section: general=""></section:>
Section (Tracks)	<section: speakers=""></section:>
Style	
Layout	Any Platform, Any Mode, Default Orientations - 😋 Add Layout 😮 Delete Layout
	Layout 🗟 Rules 😰 Events 🍸 Conditions 🚯 Variables
🗉 Structure 🖬 😽 Web For 📴 援 W	in Form 🗟 Rules 😰 Events 🚱 Variables 🤗 Help 🖺 Documenta 🎬 Patterns *

no vamos a poder tener ni noticias de los tracks.

Supongamos que quisiéramos que la sección General y la sección de Tracks, aparezcan como tabs y la sección de Speakers siga apareciendo como un link en la misma pantalla que aparece la sección General.

B Diagram2 x III Session* x	→ X ^a Toolbox #
Patterns usable in this object (underlined means pattern is applied)	🕀 Controls
Category 🔄 Work With for Web 📭 Work With for Smart Devices	T Attribute/Variable
Apply this pattern on save	Button
E Level (Session)	Image
- Application Bar	An Text Block
Section: General>	G Containers
	區 Canvas
Section (Tracks) Section: Speakers>	Grid Grid
	E Group
	Tab
	III Table
	Data
	RoomImage
	SessionDescription
	E SessionInitialDate
	E SessionInitialTime
e de la companya de l	E SessionName
5	E SpeakerFullName
hon	T EO Speakerimage
🔄 📗 Any Platform, Any Mode, Default Orientations 👻 🔂 Add Layout 🧕	Delete Layout
😺 Layout 🗟 Rules 🛣 Events 🚩 Conditions 🚱 Variables	G Actions
🔢 Structure 🗐 痜 Web For 🔄 痜 Win Form 🕼 Rules 🕱 Events 🗟 Variables 🤗 Help 📓 Document	ta # Patterns* ScheduleSession

Una alternativa para esto, es insertar un control Tab

Donde en la página 1, coloquemos la sección General

B Diagram2 × Session* × Patterns usable in this object (under	ined means pattern is applied)	-
Zategory 😨 Work With for W	Work With for Smart Devices	
📝 Apply this pattern on save		
Level (Session)	✓ Application Bar	
Section (Speakers)	<section: speakers=""></section:>	-
	TabPage1 TabPage2 TabPage3 <section: general=""> </section:>	
	Style	
	Any Platform, Any Mode, Default Orientations - 🕄 Add Layout 😢 Delete Lay	.≁ γout
	Layout 🗟 Rules 🗑 Events 🛛 Conditions 🕲 Variables	
🖪 Structure 🗟 🎋 Web For	痜 Win Form 🗟 Rules 🗑 Events 🚱 Variables Help 🖺 Documenta 🌃 Pa	tterns *

y la sección de Speakers

🔏 Diagram2 🗴 🗐 Session* 🗴		*
Patterns usable in this object (underli	ined means pattern is applied)	
Zategory 😨 Work With for We	b 🖪 Work With for Smart Devices	
Apply this pattern on save		
Level (Session)	✓ Application Bar	^
Section (Speakers) Section (Tracks)		
	TabPage1 TabPage2 TabPage3 <section: general=""> <section: speakers=""> TabPage1</section:></section:>	E
	Style	-
	🚊 📋 Any Platform, Any Mode, Default Orientations 🗸 😍 Add Layout 🕴 Delete Layou	t
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🗉 Structure 🖬 🏍 Web For 🛅	奏 Win Form 🗟 Rules 😰 Events 🚯 Variables 🥏 Help 🖺 Documenta 🄢 Patter	ms *

Vamos a configurar las propiedades para configurar el caption del tab, vamos a poner: "Info"

& Diagram2 🗙 🖩 Session* 🗙	Properties	ģ
Patterns usable in this object (underlined means pattern is applied)	2↓ Filter	
	- Tab: TabPage1	
Category S Work With for Web S Work With for Smart Devices	Item Control Name	TabPage1
Apply this pattern on save	Control Name	Tab1
Level (Section)	- TabControl Appearan	ice
- Cector (Scalin) - Application Bar	Tab Control Class	Tab
	Tab Control Visible	True
Section (Consult)	Invisible Mode	Keep Space
- Section (General)	Enabled	True
e Section (Speakers)	- Tabs Behavior	
Section (Tracks)	Tabs Behavior	Platform Default
Ŷ ₩	More Button Selected	(none)
TabPage1 TabPage2 TabPage3	More Button Unselect	(none)
<section: general=""></section:>	Scroll Left Indicator	(none)
	Scroll Right Indicator	(none)
Section: Speakers>	- TabPage Appearance	
	Selected Tab Page Cl	TabPageSelected
	Unselected Tab Page	TabPageUnselected
	Caption	Info T
φφφφφ	Tab Page Visible	True
	Tab Page Enabled	True
	Image	(none)
	Unselected Image	(none)
- The second sec	Image Position	Above Text
UN I	 Cell information 	
	Row Span	1
🚆 🗏 Any Platform. Any Mode. Default Orientations 🚽 😋 Add Lavout. 😭 Delete Lavout	Col Span	1
	Horizontal Alignment	Default
🚺 Layout 🗟 Rules 🛣 Events 🚩 Conditions 🚷 Variables	Vertical Alignment	Default
🛿 Structure 🗖 🍝 Web For 🗖 🏍 Win Form 🗟 Rules 🗑 Events 🚱 Variables 🤗 Help 🔮 Documenta 🎬 Patterns *		

Y en la segunda página del tab

🔏 Diagram2 🗙 📰 Session* 🗙		
Patterns usable in this object (underl	ined means pattern is applied)	
Zategory 😨 Work With for We	b 🗊 Work With for Smart Devices	
Apply this pattern on save		
Level (Session) List Detail Section (General)	✓ Application Bar	^
Section (Speakers)	h	
	TabPage3	
	Tab1	
	Any Platform, Any Mode, Default Orientations 🗸 😯 Add Layout 😢 Delete Layout	-
	😡 Layout 🗟 Rules 🕅 Events 🍸 Conditions 🚳 Variables	
🖪 Structure 🗟 😽 Web For 📴	援 Win Form 🛮 🗟 Rules 🕱 Events 🚯 Variables 🤗 Help 🖺 Documenta 🌃 Pattern	5*

a la que le vamos a llamar: Tracks

A Diagram2 × Session* ×		- 2	Properties	
Patterns usable in this object (underlined means pattern is app	lied)			
		ſ	- Tab: TabPage2	
Category S Work With for Web Mork With for S	mart. Devices		Item Control Name	TabPage2
Apply this pattern on save			Control Name	Tab1
level (Session)			- TabControl Appearan	ce
Application Bar			Tab Control Class	Tab
Detail			Tab Control Visible	True
Section (Consect)			Invisible Mode	Keep Space
Section (General)			Enabled	True
Section (Speakers)		 Tabs Behavior 		
Section (Tracks)			Tabs Behavior	Platform Default
Ŷ⊕	0	E	More Button Selected	(none)
Info TabPa	agez TabPage3		More Button Unselect	(none)
			Scroll Left Indicator	(none)
			Scroll Right Indicator	(none)
P	19		- TabPage Appearance	
			Selected Tab Page Cl	TabPageSelected
			Unselected Tab Page	TabPageUnselected
			Caption	Tracks

vamos a colocar yendo a la Toolbox



Vamos a eliminar la tercera página

Category R Work With for W	lined n	eans pattern is applied)	wices		
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Apply this pattern on save	1		_		
Detail					
Section (General)					
- Section (Speakers)					
Section (Tracks)					
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		Info Tracks Tar	- ED	Insert Attribute	
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	ayoi	Any Distform Any Mo		Delete Row	
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a mover el control hacia arriba:

& Diagram2 × Session ×	*
Patterns usable in this object (underlined means pattern is applied)	
Category 😨 Work With for Web 📑 Work With for Smart Devices	
Apply this pattern on save	
 Level (Session) List Detail Section (General) Section (Speakers) Section (Tracks) - Application Bar - Application Bar - Section (Speakers) - Section (Speakers) - Section (Tracks)	E
Any Platform, Any Mode, Default Orientations - O Add Layout O Delete Layout Layout Rules Rules Form Rules Variables O Decumenta	•

Y a asegurarnos que las filas están ocupando los tamños deseados

🖧 Diagram2 🗙 🧮 Session* 🗙			-	Properties		ųΧ
Patterns usable in this object (underlined means	pattern is applied)			注 🤰 Filter		
				- Table: TabPage1T	able	
Category S Work With for Web	ork With for Smart Devices			Control Name	TabPage1Table	
Apply this pattern on save				Columns Style	100%	
Level (Session)				Rows Style	100%;100%	
List Al	pplication Bar			Width	100%	
Detail			×	Height	100%	
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Section (Speakers)	(Section: General)			- Appearance		
Section (Tracks)	Section, Generals			Class	Table	
	(Section: Speakers)			Visible	True	
	Section, speakers/		=	Invisible Mode	Keep Space	
ald(st thorke 1 all the state of the state	ny Platform, Any Mode, Defaul It 🗎 Rules 😰 Events 🝸	t Orientations - 📀 Add Layout 📀 Delete Conditions 🔞 Variables	Rows Style	ight Unit 07. Percenta Device Independ Pixel ● Platform Value 100 ↓	ge dent Default OK	
🖪 Structure 🗐 🎋 Web For 📴 🎋 Win For	rm 🗟 Rules 😰 Events <table-cell></table-cell>	Variables 🔗 Help 📓 Documenta 🎬	Patterns *	1.01		-

Y en este caso hay una sola section

务 Diagram2 🗙 🗐 Session * 🗙	- Proper	rties		ųΧ
Patterns usable in this object (underlined means pattern is applied)	ê≣ ≩↓	Filter		
	- oned	Content: Section:	3	
Category S Work with for Web Work with for Smart Devices	Cont	rol Name	Section3	
Apply this pattern on save	Conte	ent	Section: Tracks	
Level (Session)	Parar	neters		
Application Bar	- Co	mponent		
Detail	A Dis	splay	Inline	
Section (General)	Au	Ito Grow	True	
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Section (Jpeakers)	- Ap	pearance		
Section (Tracks)	Vis	ible	True	
Section3	E In	visible Mode	Keep Space	
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Any Platform, Any Mode, Default Orientations - C Add Layout Olete Layout Layout	-			
🖪 Structure 🗟 💑 Web For 🔄 💑 Win Form 🚯 Rules 😰 Events 🕲 Variables 🔗 Help 🖺 Documenta 🌃 Patterns *		-		

así que está bien que ocupe el 100%.

Observemos además, que la propiedad Display por defecto está: Inline

(que es lo que queremos)

Biagram2 x	Properties	ά×
Patterns usable in this object (underlined means pattern is applied)	2↓ Filter	
	- oneContent: Section	3
Category S Work With for Web T Work With for Smart Devices	Control Name	Section3
Apply this pattern on save	Content	Section: Tracks
E Level (Session)	Parameters	
- Application Bar	 Component 	
Detail	Display	Inline
Section (General)	Auto Grow	True
	Show Section Title	False
Section (Speakers)	 Appearance 	
Section (marks)	Visible	True
	Invisible Mode	Keep Space
	 Cell information 	
	Row Span	1
	Col Span	1
	Horizontal Alignment	Default
	Vertical Alignment	Default
To any Platform Any Mode Default Orientations - • • • • • • • • • • • • • • • • • •		
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🔋 Structure 💿 🎘 Web Form 📴 😽 Win Form 🗟 Rules 😰 Events 🕲 Variables 🥏 Help 🖹 Documentati 🧱 Patterns		

Y en los otros casos teníamos: Inline para la primera sección y Link para la segunda

务 Diagram2 🗙 🗐 Session 🗙	-	Properties		ч×
Patterns usable in this object (underlined means pattern is applied)				
		- oneContent: Section	2	
Category S Work With for Web Mork With for Smart Devices		Control Name	Section2	
Apply this pattern on save		Content	Section: Speakers	
Level (Session)		Parameters		
- Application Bar		 Component 		
		Display	Link	
Info Track		 Appearance 		
Section (General)		Visible	True	
Section (Speakers) Section: General>		Invisible Mode	Keep Space	-
Section (Tracks)		 Cell information 		
K-Section: Speakers>	E	Row Span	1	
a a a a a a a a a a a a a a a a a a a		Col Span	1	
		Horizontal Alignment	Default	
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Syle				
Any Platform, Any Mode, Default Orientations - 🕥 Add Layout 😢 Delete Layout	-			
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F5..



Vamos a ver las sessions.. y elijamos alguna que tenga más de un track, por ejemplo esta:



Y vemos como están apareciendo los 2 TABs... el primero con la información general y la de los speakers como un link..

SYM @



Y el segundo, con el grid que está mostrando los tracks

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¿Y si quisiéramos que este comportamiento valiera sólo para dispositivos Android?

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... y para iOS quisiéramos otro comportamiento? Por ejemplo todo inline o mostrar algunas secciones sí y otras no?

📵 5554:GenexusAVD-XEv3											
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Podremos crear un layout diferente para cada plataforma. Lo veremos un par de videos más adelante.

s SectionContainer.control.in.Detail_sp Designing	GeneXus
	Control Labels, tables, images
	Grid: Multiple layouts per row
Controls in Javouts	- Control types
	Detail <section content=""></section>
	Canvas & Transformations

Con esto, hemos visto una pequeña muestra de cómo trabajar con los contenedores de secciones del Detail del WorkWith, para poder modificar la forma en que las secciones se muestran.

En el siguiente video, estudiaremos un control que permite el posicionamiento absoluto en el layout, por tanto, solapamiento de controles; y esto lo veremos en combinación con la posibilidad de transformar un control trasladándolo, rotándolo, reziseándolo, girándolo:

13.Controls_SectionContainer.control.in.Detail_sp Designing	GeneXus
	Control Labels, tables, images
Controls in layouts	Control types
	Detail <section content=""> Canvas & Transformations</section>

