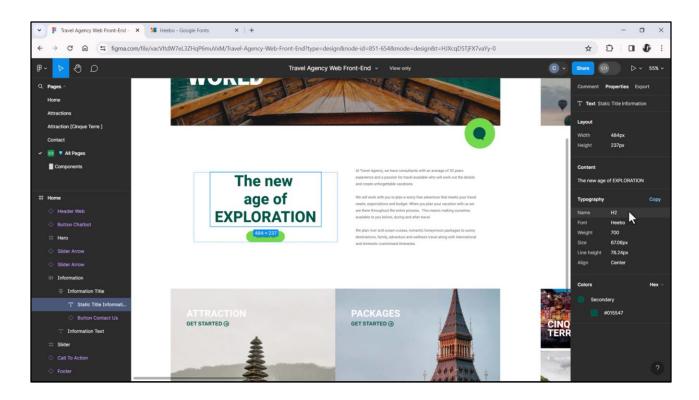
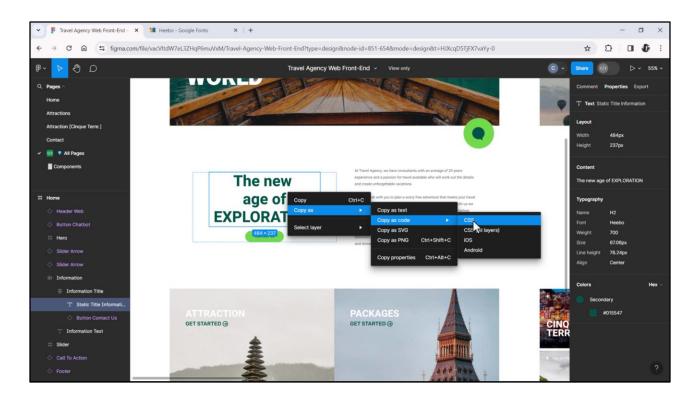


Now that we have the structure of the Stencil layout, we will work on the Design System object to make the stencil layout look as we want.

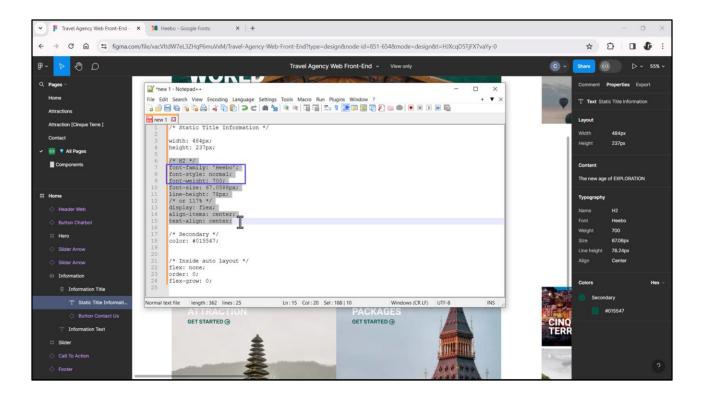


Let's start with this text. If we are going to inspect its properties, here we have the ones related to the sizes in the layout; we already saw them in the previous videos. Here we have the content, and here it shows the characteristics related to typography and colors.

If we look at the typographic features we see that our designer has given them a name, H2. This, let's remember what Chechu told us, means that she created a typographic style in Figma. With these characteristics: this font family, with this weight, this size, this line height and this alignment.



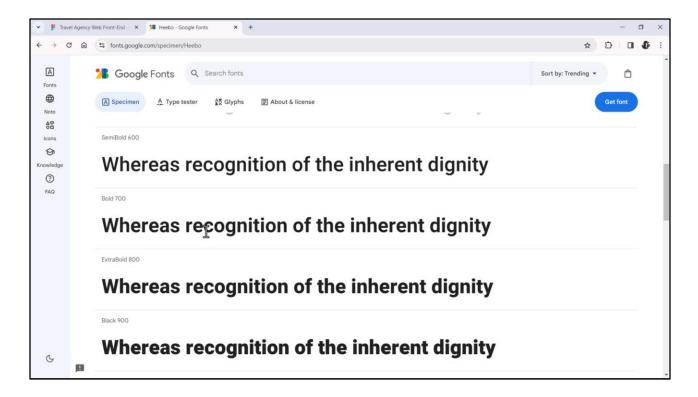
We will want to have properties in CSS format, because it is the one we will use in GeneXus in our Design System Object. We copy them...



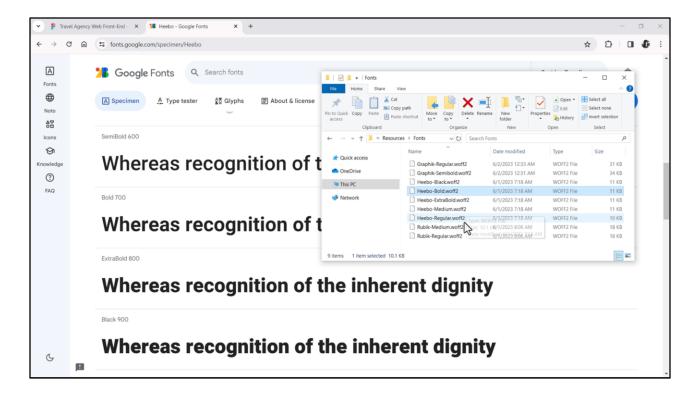
...and paste them to view them in a text file.

We are mainly interested in those related to the H2 style.

Here we see these first three that have to do with the font family. Heebo is a web font that improves readability on digital screens, but it is not one of the standard browser fonts, so we will have to include it in our CSS.



You can google it and download it. Here you can see it with its different weights. The one we need for the H2 style is the one with weight 700; that is, this one, which is bold.



In this folder I downloaded Regular, weight 400; Medium, weight 500; Bold, as we know, weight 700; Extra Bold, weight 800; and Black, weight 900. I also downloaded these other fonts that we will use later.

And I downloaded them in woff2 format. It is a modern format, which is supported by Angular and takes up less space. The downside is that it is not supported by Android or iOS.

So, the first thing we will do is to insert these font files in the KB.

TravelAgency - GeneXus 18											- 0	×
File Edit View Layout Build Knowledge N	Manager Wind	low Tools Test	Help								5	^
DIE EIXD BIOCO. EI				- Test	s Build Build	· \$.						
							gency X 📄 Files X		~	Properties	ą	×
Open: Name or Pattern	Name			Module:	-		X ··· More >>			Eller		×
TravelAgency	^ Name	·		MODUIE.	TravelAgency.D	esignSystems	X ···· More >>			V File: Heebo-Bold		
> 💽 Main Programs	7	Name	/ Module		Description	Modified Date	Last User	Import Date	Last Build Date	Name	Heebo-Bold	
V 🕄 Root Module		Heebo-Bold	TravelA	gency.Design.	Heebo- Bold	3/12/2024 11:0	9 AM ARTECH/CFernandez					
> 🚱 General										Description	Heebo- Bold	
TravelAgency Stress										External File Name	Heebo-Bold.woff2	
TravelAgency										Extract for Java Gene	False	
Files	-									Extract for .NET Fran	False	
~ 🗇 UI										Extract for .NET Gen	False	
Attraction										Extract for iOS Gene	False	
Attractions										Extract for Android (False	
Contect										Module	DesignSystems	
S Information										Qualified Name	TravelAgency.DesignSystem:	r He
MasterTravelAgency												
Transactions										Object Visibility	Public	
TravelAgencyBackoffice												
1 Domains												
Images												
> DE References												
Customization												
> R Localization												
Frees												
Platforms												
Any Platform												
Any Phone	S	Select All	New						1 matching object(s).			
Any Tablet 7"												
Any Tablet 10*	€ o	utput							÷ ×			
Any TV	Show	General	• × Q	5					Autoscroll	1		
Any Watch												
💠 Any Android Device												
Android Phone												
Android Tablet 7"	~									Properties T Toolbo	0x	
C:\Models\GX18\TravelAgency												

We can insert them one by one, manually... giving them a name and here choosing the file from our folder...

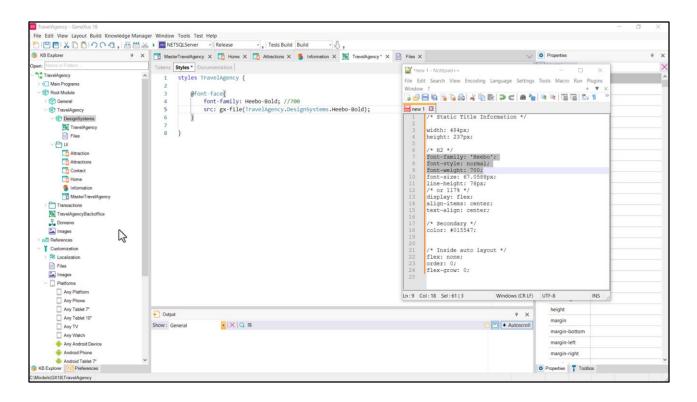
We can see that when we insert it in the DesignSystems module, it is displayed separately from the other KB files...

KB Explorer 9 ×	< 17 M	asterTravelAgency X	Home X 🛅 Attractio	ns X S Information		X Files X			O Properties	4
pen: Name or Pattern									Filter	
TravelAgency	Name:		Module:	TravelAgency. Desig	nSystems	X ··· More >>			 File: Graphik-Regul 	
> Main Programs	4	Name	Module	Description	Modified Date	Last User	Import Date	Last Build Date		
V 😍 Root Module	E	Graphik-Regular	TravelAgency.Design	Graphik- Regular	3/12/2024 11:12 AM	ARTECH\CFernandez			Name	Graphik-Regular
> 😚 General		Graphik-Semibold	TravelAgency.Design	Graphik- Semibold	3/12/2024 11:12 AM	ARTECH\CFernandez			Description	Graphik- Regular
TravelAgency		Heebo-Black	Trave Ancy Design	Heebo- Black	3/12/2024 11:11 AM	ARTECH\CFernandez			External File Name	Graphik-Regular.woff2
ObesignSystems	E	Heebo-Bold	TravelAgency.Design	Heebo- Bold	3/12/2024 11:09 AM	ARTECH/CFernandez			Extract for Java Gen	v Falce
TravelAgency	E	Heebo-ExtraBold	TravelAgency.Design	Heebo- Extra Bold	3/12/2024 11:11 AM	ARTECH/CFernandez				
Files		Heebo-Medium	TravelAgency.Design	Heebo- Medium	3/12/2024 11:11 AM	ARTECH\CFernandez			Extract for .NET Fran	
~ 🗁 UI	E	Heebo-Regular	TravelAgency.Design_	Heebo- Regular	3/12/2024 11:10 AM	ARTECH\CFernandez			Extract for .NET Gen	n False
Attraction	E		TravelAgency.Design_	Rubik- Medium	3/12/2024 11:12 AM	ARTECH/CFernandez			Extract for iOS Gene	e False
Attractions		Rubik-Regular	TravelAgency.Design	Rubik- Regular	3/12/2024 11:12 AM	ARTECH\CFernandez			Extract for Android	(False
Contact									Module	DesignSystems
S Information									Qualified Name	TravelAgency.DesignSystems
MasterTravelAgency										
Transactions									Object Visibility	Public
TravelAgencyBackoffice										
♀ Domains ♀ Images >> References ∨ Customization >> References ♀ Faces ▲ Images > Platforms ▲ Any Platform ↓ Any Platform	Se	elect All N	NV					9 matching object(s).		
	S4		W					9 matching object(s). 9 ×		
	Đ Qu	#put						÷ ×		
	Đ Qu	#put	w							
Comains Monopel Markences Monopel Markences Monopel Markences Monopel Markences Monopel Markences Any Plastorn Any Plaster Any Tablet 7° Any Tablet 7° Any Tablet 7° Any Tytels	Đ Qu	#put						÷ ×		
	Đ Qu	#put						÷ ×		
	Đ Qu	#put						÷ ×		

And then we can continue in this way, inserting each one separately... until we complete them all...

TravelAgency - GeneXu											- 0	×
and the second se	t Build Knowledge Mar											
01001200	Extensions Manage		ver •	Release 🔹 💡 Tests Bui	ld Build -	×):						
KB Explorer	Database Reverse B			Home X T Attractions 2	🗙 💈 Information	× 🔟 TravelAgency	X 📄 Files X		\sim	Properties		4
pen: Name or Pattern	Application Integra	ation +		L Inspector	ravelAgency.Design	Contains 1	K More >>			Eilter		
TravelAgency	Application Help			Assembly Import	raveragency. Design	loystems /	more			 File: Graphik-Regula 	r	
> 💽 Main Programs	Import Pattern Inst			ernal Data Store Service Import	cription	Modified Date	Last User	Import Date	Last Build Date			
V 😵 Root Module	Workflow	,		BAPI Import	sphik-Regular	3/12/2024 11:12 AM	ARTECH\CFernandez				Graphik-Regular	
> 😚 General	Options		Contra Contra Contra	ts Import	sphik- Semibold	3/12/2024 11:12 AM	ARTECH\CFernandez			Description	Graphik- Regular	
TravelAgency	Advanced	,	_	class Import	ebo- Black	3/12/2024 11:11 AM	ARTECH/CFernandez			External File Name	Graphik-Regular.woff2	
V 😵 DesignSys	Explore Knowledge	ebase Directory	O Jsor		ebo- Bold	3/12/2024 11:09 AM	ARTECH:CFernandez			Extract for Java Gene	False	
Travel4		ironment Directory	1 1 1 2 2 2 2 2 2	ign Import	ebo- Extra Bold	3/12/2024 11:11 AM	ARTECH\CFernandez			Extract for .NET Fran	False	
	CMD Environment	Directory		enAPI Import	ebo- Medium	3/12/2024 11:11 AM	ARTECH\CFernandez			Extract for .NET Gen		
VI	Security	,		DL Import	ebo- Regular		ARTECH/CFernandez					
Attracti	GeneXus Access M	anager •		L Schema Import	bik- Medium		ARTECHICFernandez			Extract for iOS Gene	False	
Contac	Refactoring		adam	riore gener ecorgie 11	wbik- Regular	3/12/2024 11:12 AM	ARTECH\CFernandez			Extract for Android (False	
Home	Translations	,								Module	DesignSystems	
5 Informe	Opdate Android SE									Qualified Name	TravelAgency.DesignSyste	ems.
Master	GeneXus Account.									Object Visibility	Public	
images interferences interfer	m	Select All		New					9 matching object(s).			
Any Tablet 7	7"											
Any Tablet 1		Cutput							⇒ ×			
Any TV		Show : General		• X Q =					Autoscroll			
Any Watch												
🐥 Any Android	d Device											
🔶 Android Pho	one											
Android Tabl		*								Properties Toolbo		

...Or the other option, much simpler, is to insert them all together in this way... there we indicate the folder... and by pressing Ok they would all be inserted in a single operation (and if we have them in the Root module then we change the module to each one through the property).



Well, we already have the font files in the KB. Let's start by adding the one corresponding to the Heebo-Bold font to our Design System Object.

The first thing to do is to declare the set of styles.

And now, let's write the font-face rule to add precisely the font.

With the font-family property we give the name that we will use for this font throughout the DSO (I will enter the corresponding weight, which is 700, as a comment); and with this other property we indicate the source, that is to say, where it is located. For this we use the GeneXus function "gx-file"... its parameter is the name of the source file, qualified with the module where it is located.

File Edit View Layout Build Knowledge Ma			
🛞 KB Explorer 🤤		Properties	á X
Open: Name or Pattern	Tokens Styles Documentation	El Filter	×
Open: "Lines of Patient.	0 1 styleEconomination 1 styleEconomination 2 3 # # 3 # 4 # 5 # 6 # 7 * 0 references 8 -h2{[] 9 # 1 family: Heebo-Bold;	V Selector: Properties Name J Filter by ControlType A	iny
Attractors Contact Contact Contact Contact formation Face formation Face formation Face formation Face formation	10 font-size: 67px; 11 line-height: 78px; 13 }		leebo-Bold 7px
Platforms Any Platform Any Platform Any Toblet 7* Any Toblet 10* Any Tv Any Tv Any Tv Any Match Any Android Device	Odpd	font-style font-weight height	
Android Phone Android Tablet 7* KB Explorer III Preferences	×	Properties Toolbox	

We are now able to specify our first class, which we will call the same as our designer called the typographic style: h2.

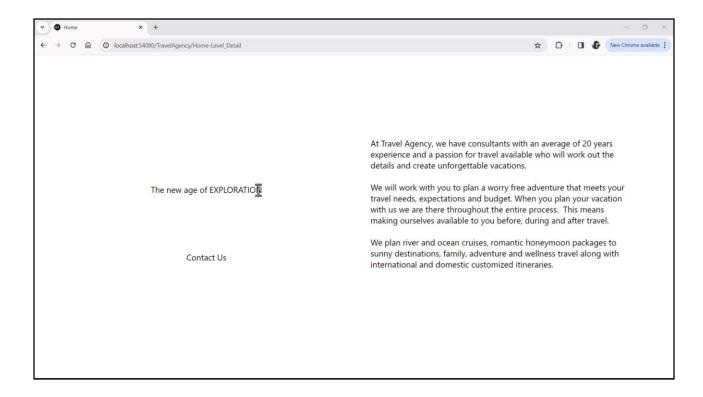
Remember that the classes of a DSO are extremely similar to those of CSS, since for the Web case they will be effectively transformed into CSS. That is why to select them we must first type a period and then the name of the class.

The first three properties will be transformed into one, the font-family, which here will refer to this name, precisely. We don't need to vary the style or weight of the font, because we are using one with exactly that style and weight. We will always use the exact font to avoid distortions, and that is why we integrate a font file for each weight.

Then we will use these other two properties as they are, removing the decimals.

TravelAgency - GeneXus 18				- 0	×
File Edit View Layout Insert Build Knowle	edge Manager Window Tools Test Help				
****	🖞 🕁 🕨 🚾 NETSQLServer 🐳 Release 🔹 🚦 Tests Build 🛛 Build 🚽 🖑 🚦				
KB Explorer 9	🗙 📑 MasterTravelAgency X 📑 Home X 🛅 Attractions X 💈 Information X 📓 TravelAgency X 📄 Files X	~	Properties	4	¢ ×
Open: Name or Pattern	Layout Variables Documentation		General		
TravelAgency	ATITIEInformation		E 2 Filter		×
> 💽 Main Programs		Ľ	- textblock: TitleInfr		
Cont Module	Title & AlnformationText		Control Name	TitleInformation	_
> 😚 General ~ 🛠 TravelAgency	o o			Title	
 O InavelAgency O DesignSystems 				The	
TravelAgency	<u> </u>		~ Appearance	-	
Files			Auto Grow	True	
~ 🗇 U			Class	TextBlock	
Attraction			Visible	The	
Attractions	Contact Us		Invisible Mode	Keep Space	
Contact			Enabled	True	
C Home			Format	Text	
MasterTravelAgency			 Cell information 		
Transactions			Row Span	1	
TravelAgencyBackoffice					
L Domains			Col Span	1	
Lmages			Horizontal Alignr	Center	
> p References			Vertical Alignmer	Middle	
 Y Customization R Localization 					
Files					
Images					
Platforms					
Any Platform					
Any Phone	Layout •				
Any Tablet 7"	Cutput	₹ ×			
Any Tablet 10"	Show: General	😑 🖭 🔸 Autoscroll			
Any TV	Generating Design System TravelAgency.DesignSystems.TravelAgency				
Any Android Device					
Android Phone					
Android Tablet 7*	v				
S KB Explorer			Properties Toolb	ax	
C:)Models\GX18\TravelAgency					

Let's save and before testing anything we'll see what class is associated with this Textblock. The class with this name.



Before replacing it with the new one, let's run the application to compare it.

TravelAgency - GeneXus 18						- (o x
File Edit View Layout Insert Build Kr	wiedge Manager Window To	ols Test Help					
000000000000000000000000000000000000000			ild • 🖧 :				
KB Explorer			Information * X 📔 TravelAgency X 📄 F	Files X	V Properties		* ×
Open: Name or Pattern	Layout * Variables	Doctentation			General		
TravelAgency	A	X		ſ	Filter		×
> (Main Programs	MainTable	Inf AtionTitle		l	textblock: TitleInfe	ormation	
Soot Module	0	€ 8dnformationText			Control Name	TitleInformation	
) 😭 General	The						
TravelAgency	0	0			Caption	Title	
V 😵 DesignSystems	o	0			~ Appearance		
Files					Auto Grow	True	
~ 🗂 u					Class	h2	~
Attraction					Visible	True	
Attractions	Conta	t Us			Invisible Mode	Keep Space	
Contact					Enabled	True	
E Home					Format	Text	
5 Information							
MasterTravelAgency					 Cell information 		
TravelAgencyBackoffice					Row Span	1	
Domains					Col Span	1	
Images					Horizontal Align	Center	
> DE References					Vertical Alignmen	Middle	
 Y Customization 							
> 🔁 Localization							
Files							
images							
Platforms Any Platform							
Any Platom	Layout •						
Any Tablet 7"							
Any Tablet 10*	E Output			₹.)			
Any TV	Show : General	• XQ =		😑 🛄 🔸 Autoscre	011		
Any Watch							
Any Android Device							
Android Phone	~						
Android Tablet 7" KB Explorer	•				Properties Toolb	ax	
C:\Models\GX18\TravelAgency							

Now, let's go to the stencil... and let's change the TextBlock class to the new one, h2. Let's save. And run.

- O Home	× +		- a ×
← → ♂ ⋒	O localhost:54080/TravelAgency/Home-Level_Detail		🖈 🖸 🛛 🕼 New Chrome available 🚦
	The new age of EXPLORATION		At Travel Agency, we have consultants with an average of 20 years experience and a passion for travel available who will work out the details and create unforgettable vacations. We will work with you to plan a worry free adventure that meets your travel needs, expectations and budget. When you plan your vacation with us we are there throughout the entire process. This means making ourselves available to you before, during and after travel. We plan river and ocean cruises, romantic honeymoon packages to sunny destinations, family, adventure and wellness travel along with international and domestic customized itineraries.
		\square	

And here we see it clearly.

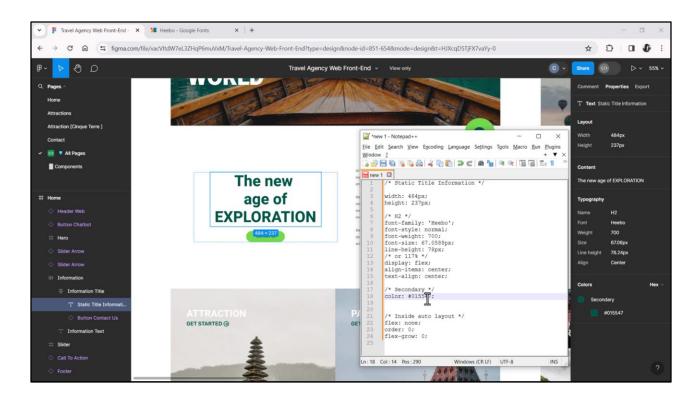
(If you are prototyping in the cloud, something that is not advisable during development, and you don't see the change when running it, reload it and clear the cache -in Windows with Ctrl+F5).

<pre>Investors is constant is constant is is constant is is constant is is investors if is the is investors if is investors if is is investors if is is investors if is investors if is is investors if is is investors if is investors if is is investors if is investors if is is investors if is is investors if is is investors if is investors i</pre>						-
<pre>Not Determine the stands of the stand o</pre>	TravelAgency - GeneXus 18				T .	o ×
No form * X Image: construction Image: construction Construction Image: construction Image: construction Image: construction Ima						
Open Open Image: Section	ରାଲା 🖾 🕷 🖓 ଏକ 🖓 📲	🛗 🗻 🕨 METSQLServer 🔹 Release 🖕 Tests Build Build 🛛 🔬				
Come	KB Explorer 5	🖗 X 📅 MasterTravelAgency X 🛅 Home X 📅 Attractions X 觠 Information X 🕱 TravelAgency X 📄 Files X 👩 Navigation View X	~	O Properties		₽ ×
Contraction Contracti	Open: Name or Pattern			General		
<pre></pre>				Filter		×
• O Notacia • Notacia • Notacia		Application Bar				
• Cancel • Capiton The new spee of DEPLORATION • Displaying • Displaying • Displaying • D		Anformation TitleInformation		v textblock: Infor	mation_TitleInformatio	NN .
<pre> truetdyney:</pre>				Caption	The new age of EX	PLORATION
Image: Series				~ Appearance		
I travelaparo; P is I hansion		The new age of EXPLORATIC BanformationText		Class	12	
Pres Vador Inter Anaction Anaction Internation (International Content) Anaction Internation (International Content) Internation (International Content) Base Transformed Searchine Internation (International Content) Internation (International Content) International Content International Content (International Content) International Content (International Content) International Content International Content (International Content) International Content International Content International Content Internatinternatenen Interna					10.00	
<pre></pre>		Information_TitleInformation		Visible	True	
Image: Second Context Us Image: Sec						
Attractors Attractors Attractors Attractors Attractors Internations Internations <td< td=""><td></td><td>Constant 1 k</td><td></td><td></td><td></td><td></td></td<>		Constant 1 k				
Codact Home Home Mater Translagency Translagency Translagency Translagency Translagency Translagency Translagency Pattorns Mays Translagency Mays Translage	See Sal	Contact Os				
Promosing in Marking Marki						
<pre>Momation Mater TransAgency Mater TransAgency TransAgency factorfiles Mayer TransAgency factorfiles Mayer Mayer</pre>						
Image: Image: Image: Image: <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
Instruction						
Introduction to the term Introduction to the term Introduction to the term						
Domains Magas						
Images Images Images Images <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
> B Rdeences Contonization > Contonization Procession > Rise all mages Procession > Any Platom Procession > Any Platom Procession > Any Totek 7* Output > Any Totek 7* Show: Build > Any Totek 7* Show: Suide I argets for Frontend (Front end) > Any Addid Devices Calculating front started exerction > Any Addid Devices Successs: Exercution started exerction > Andid Plane Successs: Exercution started exerction > Success: Run Hoes Success: Run Hoes						
Containing attion Containing at						
Res Pattoms Any Platom Success: Execution Success: Any Integer Y tooloor						
Plas Images May Platoms Any Platom Any Platom Any Totat 7' Any Andoid Device Andoid Plane Success: Insertion started						
I hangers Pattoms Any Platom Success: Execution started						
Plations Any Plation Any Plation Any Plation Any Plation Any Table 7: Output						
May Platform Any Platform, Default Orientations • 0 Add Layout © Delete Layout Any Totate 7 Oxford Any Totate 7 Oxford Any Totate 7 Show: Build Any Totate 7 Show: Build Any Totate 7 Show: Build Any Addod Place 7 Success: Execution started Any Addod Place 7 Success: Fun Hose						
Any Phone Any Platform, Default Orientations • ③ Add Layout ④ Delete Layout Any Tobit 7° ● Output ● x Any Tobit 7° ● Cuput ● x Andod Phone ● Cuculation Started or Currents far-ted or Currents ● properties for Frontend (Front end) ● KB Explore ● Defaulta Txeervision ● properties for toolx	the second se					
Any Tablet 7° Any Tablet 7° Any Tablet 7° Any Tablet 7° Any Watch Any Watch Any Watch Any Watch Any Watch Any Madiod Plowice Android Plowie Android Plowie Androi						
Any Tablet 10° Oppot Any TAblet 10° Any Android Davices Android Planer Success: Run Hose Success: Run Hose Properties T toobox Properties T toobox		Any Platform, Default Orientations - 🗘 Add Layout 🧐 Delete Layout				
Any TV Show: Build ▲ X Q. 冊 ● ◆ Autoscrit Any Watch Success: Execution started ● ◆ Autoscrit Andod Phone Success: Execution started ● ◆ Autoscrit ▲ Andod Phone Success: Execution Started ● KB Explore Success: Run Home ● ◆ Properties		Output	₹ ×			
AnyWatch AnyAndod Device Andod Phone Andod Ph		Show: Build	Autoscroll			
Any Android Device Android Pione Success: Run Hose Success: Run Hose Toobox			A DESCRIPTION OF THE OWNER			
Andod Phone Andod Phone Andod Phone Andod Phone Andod Phone Success: Angular Execution started ====================================						
Android Tablet 7' Success: Angular Execution Success: Run Hone Success: Run Hone Properties T Toolbox						
K0 Explore Properties Success: Run Hone						
			and the second s	O Properties	xolbox	
			THE OWNER			3 0/ 0

A couple of remarks before moving on:

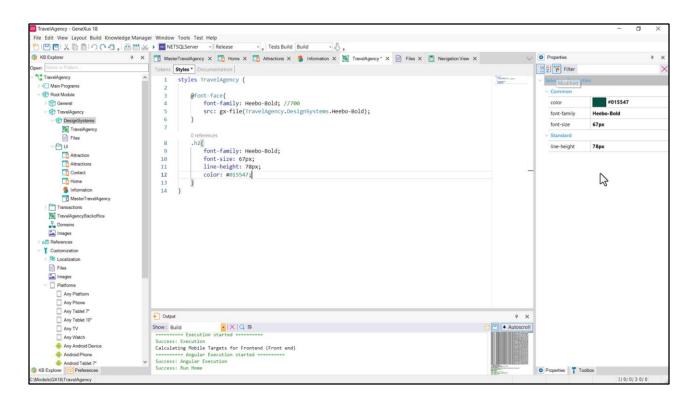
Before this change, the Stencil textblock had a class name (TextBlock, precisely) that is not specified in the DSO, and that didn't cause any problems. It took the browser defaults.

In addition, having changed the class, that change was automatically made in the two panels in which that stencil is instantiated... That's why we see it here... and we will also see it in this other case.



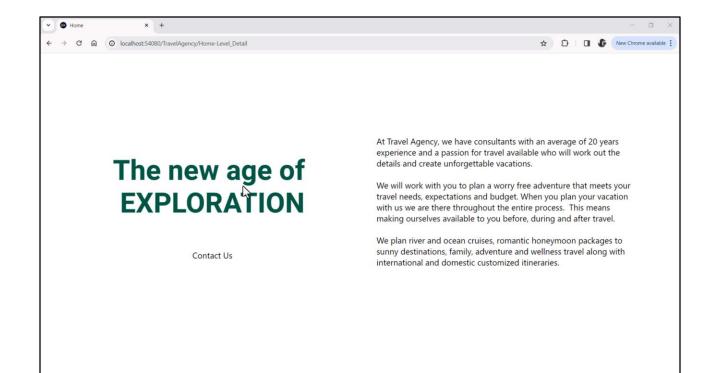
Ok, what about the color of the text? It will be this type of green, which has this hexadecimal value. Chechu had called it Secondary, creating a style with this name, a color style. If we see the CSS properties that we had copied, we have just so indicated the one for the color, with the hexadecimal value.

We could copy this CSS property without thinking too much...

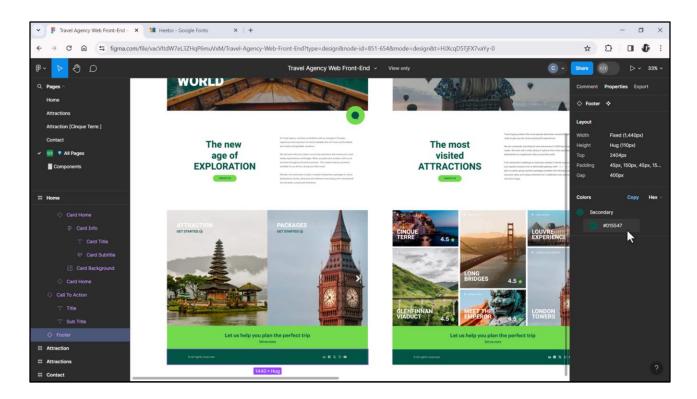


... and come to our DSO and paste it. We see how the properties window shows all the possible properties to write inside a class and here are the ones we use. We can filter by those that we have modified to have them in view.

Let's record and test this at runtime.



And there we see it, just as we expected.



Well, this exact color is not only going to be used here for this text, but for this other one, for this background, for this other text, for this other one... that is to say, it is going to be repeated in many places.

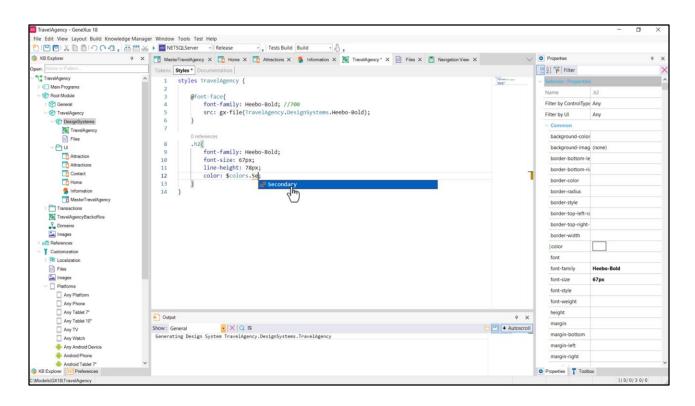
This value responds to a semantic concept, to a semantic color; it is the secondary color of the application, and the primary color is this other green. That is why Chechu defined it as a color style and we will define it as a token in our DSO.

🚳 KB Explorer 🛛 🥺 🗙	To MasterTravelAgency X To Home X To Attractions X 💈 Information X	TravelAgency X 📄 Files X 💽 Navigation View X	~	Properties	å ×
Open: Name or Pattern	Tokens Styles Documentation			🔠 対 🌾 Filter	×
TaveAlgency 1 tokins TraveLagency (○ Post Modele ○ Post Mo	CoLORS COLOR VALUE Secondary #015547 + Add new taken RADIUS Begin by adding your first token:	AI + C			
Information		Add your first radius token Add your first radius token SPACING "Space is the breath of art." Paul Kiee	*		
Res Localization Files Images Platforms Any Platform Any Phone		Add your first spacing token	*		
Any Troble Any Tablet 7 Any Tablet 10° Any Vatch Any Vatch Any Android Device	Comput Show: General Generating Design System TravelAgency.DesignSystems.TravelAgency		₹ X		

It will be a color token... which we will call Secondary... and its value will be no more and no less than this one here.

Remember that the token editor works in two ways. We can edit it directly as text or from the graphical editor.

And now we save...



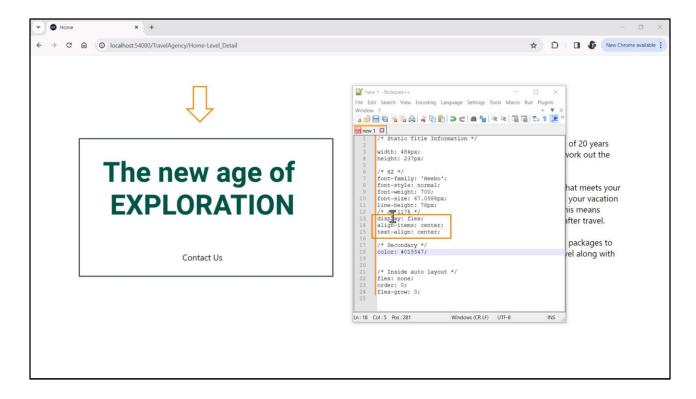
...and go to the styles tab and change the value for the Token. With the dollar symbol we're indicating that here we want to reference a token, a color token... (there it is, it has to be like that), and when we type a period and the first letters of the token, it offers the ones that begin with those two letters.

In this way, then, we are indicating that the color property takes its value from the color token of this name, Secondary.

TravelAgency - GeneXus 18 File Edit View Layout Build Knowledge Mana	ager Window Tools Test Help				- a ×
 1回回ば回るのの。 8 KB Explorer x x 		🖞 :		O Properties	₹ ×
Open: Name or Pattern	Tokens Styles * Documentation		×.	Filter	~
TravelAgency				ZI P Pater	^
> Main Programs	1 tokens TravelAgency {	- E III Q. Search tokens	4I \$ C•		
V 🕀 Root Module	3 #colors		- 1		
> 😭 General	4 (COLORS	^		
- TravelAgency	5 Secondary: #0155#;	NAME COLOR VALUE			
	6 }				
TravelAgency	7 }	Secondary #015547			
Files		+ Add new token			
~ 🖰 U					
Attraction		RADIUS	^		
Attractions					
Contect		Begin by adding your first token:			
S Information					
MasterTravelAgency		Add your first radius token			
Transactions					
TravelAgencyBackoffice		SPACING	^		
T_ Domains					
Images					
> p References		"Space is the breath of art."			
V Y Customization		Paul Klee			
> R Localization		Add your first spacing token			
Files					
images					
V Platforms		BORDERS	~		
Any Platform					
Any Phone Any Tablet 7"					
Any Tablet /*	E Output		₹ ×		
Any TV	Show: General		Autoscroll		
Any Watch	Generating Design System TravelAgency.DesignSystems.TravelAgency		tond the second second		
Any Android Device					
Android Phone					
Android Tablet 7*	×				
B KB Explorer				Properties Toolbax	
C:\Models\GX18\TravelAgency					3/0/0/30/0

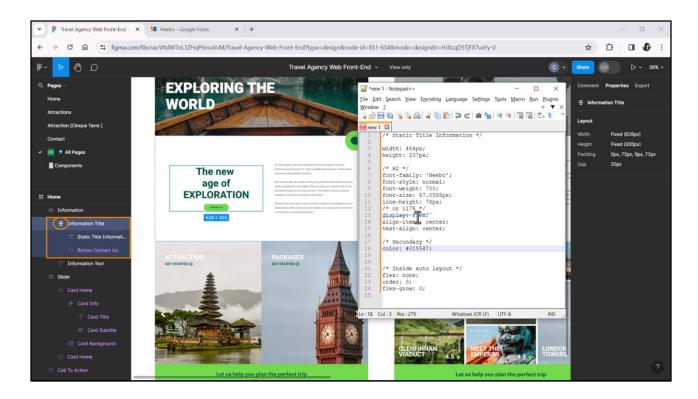
So, if later on Chechu wants to change the color of this value to any other value, we'll just change it here. And we won't have to change the class at all. Ok, let's save.

At runtime we will not notice any changes at all because we will continue to see that green color.



Well, what about these three properties that we didn't copy to our h2 class?

The first two have to do with the container that was used in Figma to place these two texts inside. And this one in particular.



It is a group or a frame that was cataloged as Auto Layout and that we will talk about later, but we can already say it is implemented with a Flex container. We went the other way, which was to choose a table to implement this container.

Therefore, we don't need the first property, display, at all. And we implemented these two properties....

TravelAgency - GeneXus 18				- 0	×
File Edit View Layout Insert Build Knowle	dge Manager Window Tools Test Help				
1000000000000000000000000000000000000	🖞 💫 🕨 NETSQLServer 🔹 Release 🔹 🚦 Tests Build 🛛 Build 🔷 🖑 🚛				
	🗴 📅 MasterTravelAgency X 📅 Home X 🛅 Attractions X 💈 Information X 🦉 TravelAgency X 📄 Files X 🖱 Navigation View X	~	O Properties	9	×
Open: Name or Pattern	Layout Variables Documentation		General		
TravelAgency			1 Filter		×
> 🔄 Main Programs	MainTable MinformationTitle ATitleInformation		 textblock: TitleInformation 	on	
V 🐑 Root Module	0 Title 0 €UnformationText		Control Name	TitleInformation	
> 😚 General > 🛠 TravelAgency			Caption	Title	
TravelAgency Solution Solution				The	
TravelAgency			~ Appearance		
Files			Auto Grow	True	-
~ 🗇 u			Class	h2	~
Attraction			Visible	True	
Attractions	Contact Us		Invisible Mode	Keep Space	
Contact			Enabled	True	
Home			Format	Text	
MasterTravelAgency			 Cell information 		
> Transactions			Row Span	1	
TravelAgencyBackoffice			and the second second		
1 Domains			Col Span	1	
images			Horizontal Alignment	Center	
> DE References			Vertical Alignment	Middle	
Customization RE Localization			5		
Files					
Images					
V Platforms					
Any Platform					
Any Phone	Layout -				
Any Tablet 7*	Output	₹ ×			
Any Tablet 10"		+ Autoscroll			
Any TV	Execution started				
Any Android Device	Success: Execution Calculating Mobile Targets for Frontend (Front end)				
Android Phone	Angular Execution started	0.00			
Android Tablet 7"	✓ Success: Angular Execution Success: Run Home				
S KB Explorer	Success: nun nome	-	Properties Toolbax		
C:\Models\GX18\TravelAgency				3/0/0/30/0	

... through the horizontal and vertical alignments ... of the two elements.

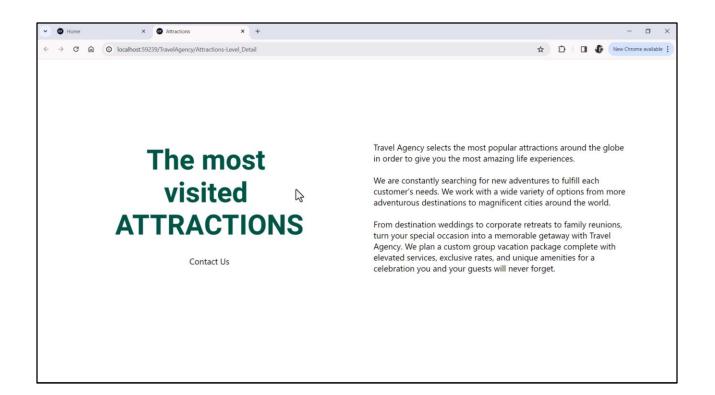
So we don't need to copy any of these properties to our class.

Thus the style of the control itself is clearly separated from what is more structural and has to do with the alignment of the control in the layout. This is one possibility, of course, and it is not necessarily the best one.

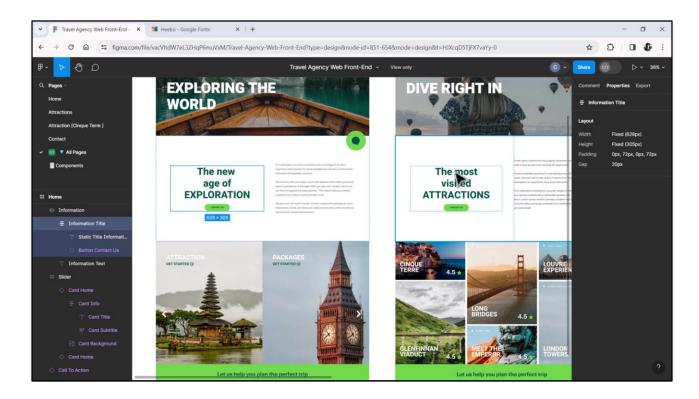
In the implementation we are doing, the spacing and alignment parts are being solved in the layout itself, and the rest of the style is being handled in the DSO. A DSO is easier to change than a layout, so making these decisions has pros and cons.

- B Home	× +	- 0 X
< → C ⋒ (localhost:54080/TravelAgency/Home-Level_Detail	🖈 🖸 🛛 🐠 New Chrome available 🚦
	The new age of EXPLORATION	At Travel Agency, we have consultants with an average of 20 years experience and a passion for travel available who will work out the details and create unforgettable vacations. We will work with you to plan a worry free adventure that meets your travel needs, expectations and budget. When you plan your vacation with us we are there throughout the entire process. This means making ourselves available to you before, during and after travel.
	Contact Us	We plan river and ocean cruises, romantic honeymoon packages to sunny destinations, family, adventure and wellness travel along with international and domestic customized itineraries.
	\triangleright	

One last thing before finishing, at runtime the Home text, because of its size, is being displayed in two lines... let's see what happens with the Attractions text.



This one is divided into three...

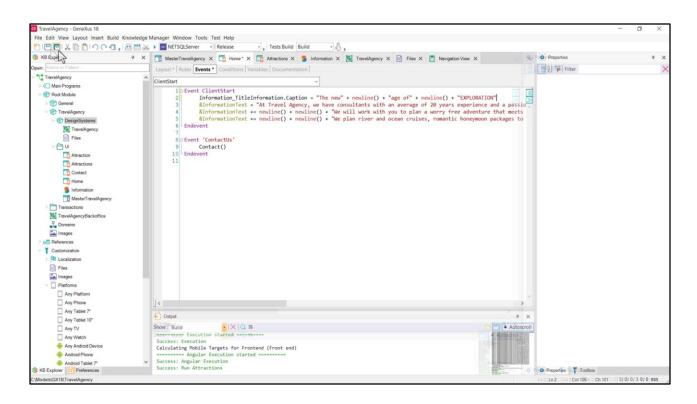


... as we can see in the Figma file.

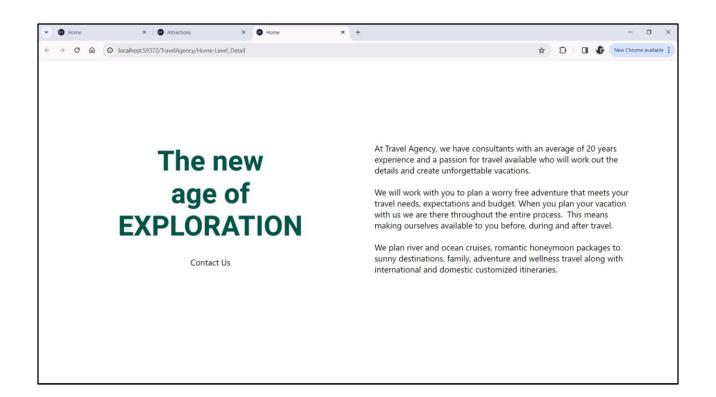
So what we would have to do is to separate this text into three lines.

TravelAgency - GeneXus 18				– 🛛 🗙
File Edit View Layout Insert Build Know				
 ご ご	🛗 🚵 🕨 🔤 NETSQLServer 🔹 🛛 Release 🔹 🚦 Tests Build 🛛 Build 🔹 🖑 ど			
🛞 KB Explorer 🤤	🗙 🛅 MasterTravelAgency X 🛅 Home* X 🋅 Attractions X 🤹 Information X 🌋 TravelAgency X 📄 Files X 👩 Navigation View X	~ 1	Properties	÷ ×
Open: Name or Pattern	Layout * Rules Events * Conditions Variables Documentation	(Seneral	
TravelAgency		F	1 2 7 Filter	×
> Main Programs	* Application Bar	E		·····
V 🕄 Root Module	MainTable Minformation Improvementation Information Information Title		v textblock: Informatie	on_TitleInformation
) 😭 General			Caption	The new age of EXPLO
V 🕄 TravelAgency			 Appearance 	
OesignSystems OesignSystems Optimized Optimized	The new age of EXPLORATIC R		Class	h2
TravelAgency	0 0 0		Visible	True
Files			VISIDIE	True
~ 🕒 UI		- I.		
Attraction	Contact Us			
Attractions				
Contact				
Co Home				
S Information				
MasterTravelAgency				
> CT Transactions				
TravelAgencyBackoffice				
Domains				
Lmages				
> DE References				
 Y Customization 				
> R Localization				
Files				
images				
V Platforms				
Any Platform		_		
Any Phone Any Tablet 7*	Any Platform, Default Orientations - S Add Layout S Delete Layout			
Any Tablet 7"	Output P	×		
Any Toblet 10"	Show: Build	scroll		
Any Watch	Execution started	1999		
Any Android Device	Success: Execution			
Any Android Device Android Phone	Calculating Mobile Targets for Frontend (Front end)	1997		
Android Tablet 7"	Success: Angular Execution			
S KB Explorer	Success: Run Attractions	- 6	Properties Toolbox	
C:\Models\GX18\TravelAgency				3/0/0/30/0

This is a way to do it: here is the name of the textblock, which is the one that comes from the stencil, Information, underscore, and the name of the control in the stencil, TitleInformation.



Then I go to Home and in the events, in ClientStart, to Information Title Information period Caption I assign "The new"... I save and run.



And here we see it.

Well, now let's move on to give a style to the paragraph and the button... in the next video.



training.genexus.com

GeneXus by Globant