All-out PHYGITAL

SPICY talks '22

The smart way to create Smart Templates

RELATIAL_

distribute your brand.

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SPICY talks

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CHILI publish integration and templating @ RELATIAL

- Working with CHILI publisher since 2013
- The "Tech Guy" asking uncomfortable questions
- Nothing is impossible *("How much it is worth to the customer?")*

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Template builders become template architects

Nico Potvin, Kadanza

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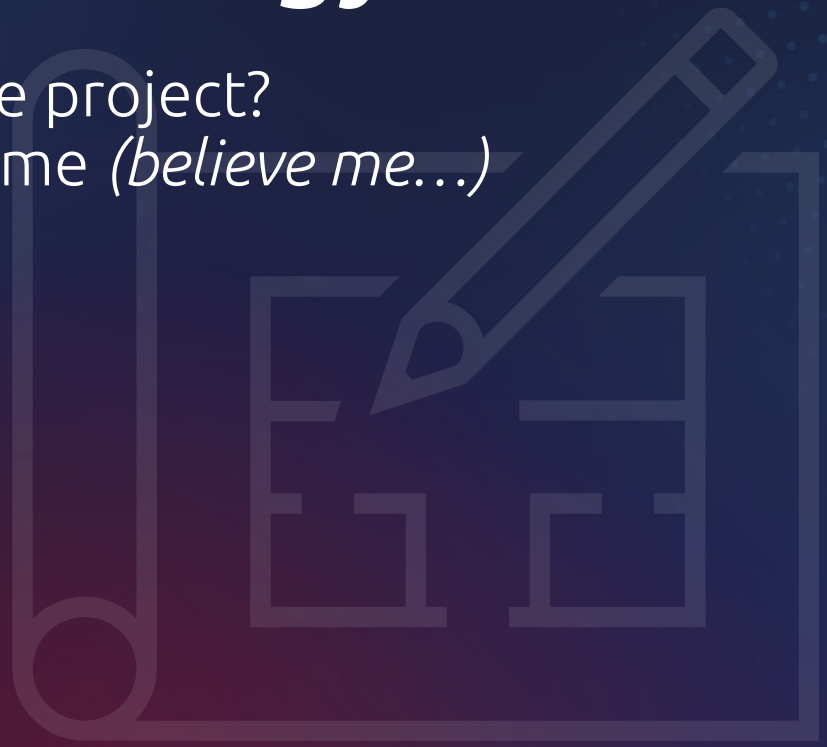
#1 - Preparation/Strategy

How to start a Smart Template project?
Follow these tips and save A LOT of time *(believe me…)*



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Explore the domain

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Domain Exploration

01	Use of templates	Digital, physical, hybrid
02	Status Quo	How are the designs currently made?
03	User Background	Marketing managers, salespersons, designers, ...
04	Guidelines and rules	What guidelines must be followed? (Corporate design, user privileges, …)
05	Set goals	What makes the project a success for both customers and template builder?

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The Smart Template Roadmap

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Debriefing

"We noted these requirements…"

Build a team

Consider what (technical) skills the team needs

Designers, programmers, …

Checklist

Check if you are ready to go

Assets, fonts, guidelines, …

Timing

Schedule enough time for testing!

Start

Do not simply run but think before you start.

Let the templates run instead!

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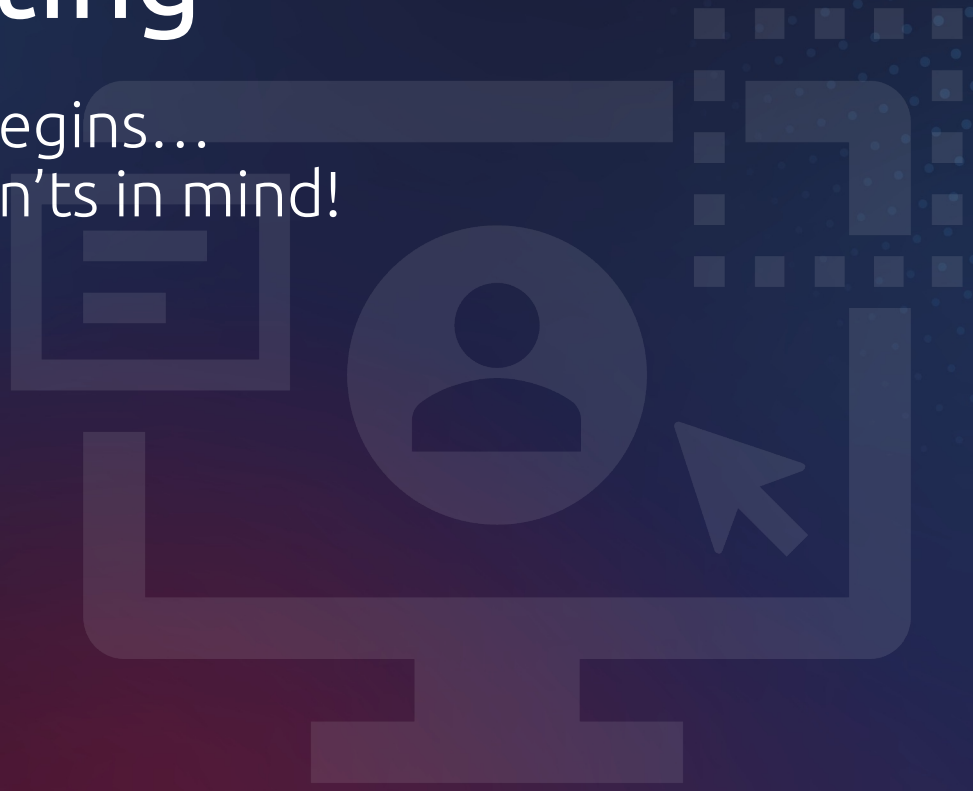
#2 - Templating

This is where the fun begins…
But keep these Dos and Don’ts in mind!



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- **DO**
  - Try different approaches and challenge your solution permanently
  - Coordinate within the team
  - Take breaks and reflect on your progress
  - Always question the briefing

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- **DON‘T**
  - Just upload everything to CHILI publisher
  - Work the way you “have always done it”
  - Let yourself be pressured
  - Only look at the CHILI template
  - Think you must manage it on your own

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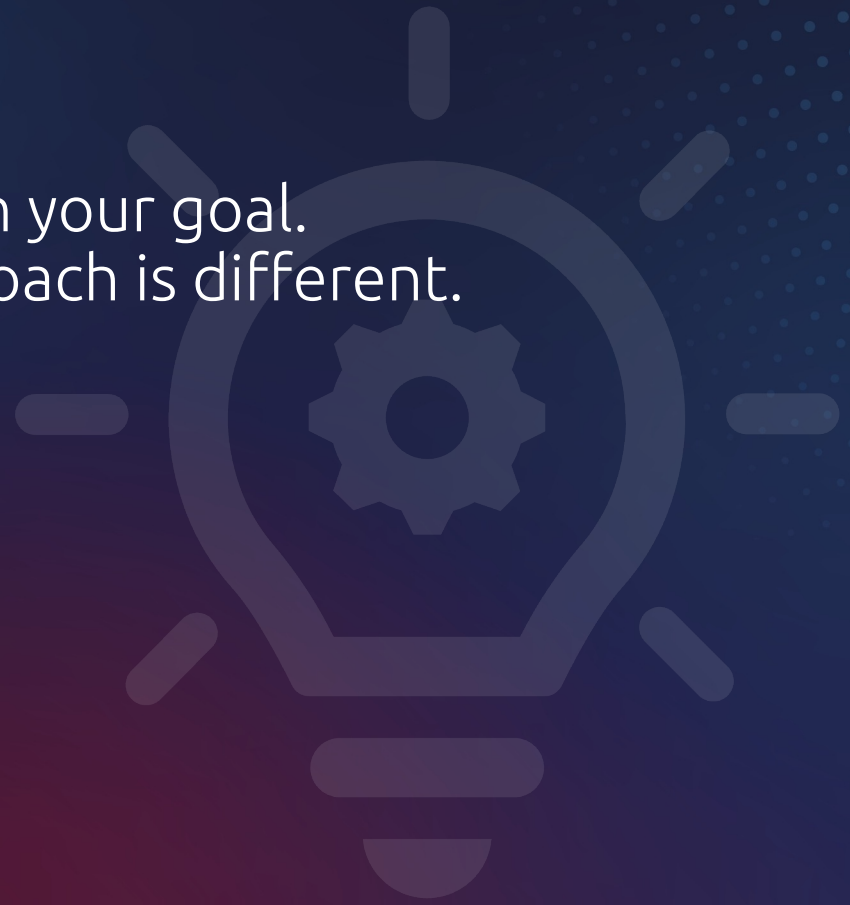
#3 - Example

Let's look at different ways to reach your goal.
The result will be the same, but the approach is different.



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Work on the logic

- A typical task with templates is **controlling the visibility of variables and/or layers** on a user's input.
- Very **easy to implement** in the action editor
- The **more complex** the templates become, the **more lines of code** are needed
- **Too much code**
  - **reduces performance**
  - makes it **difficult to keep track of the logic**

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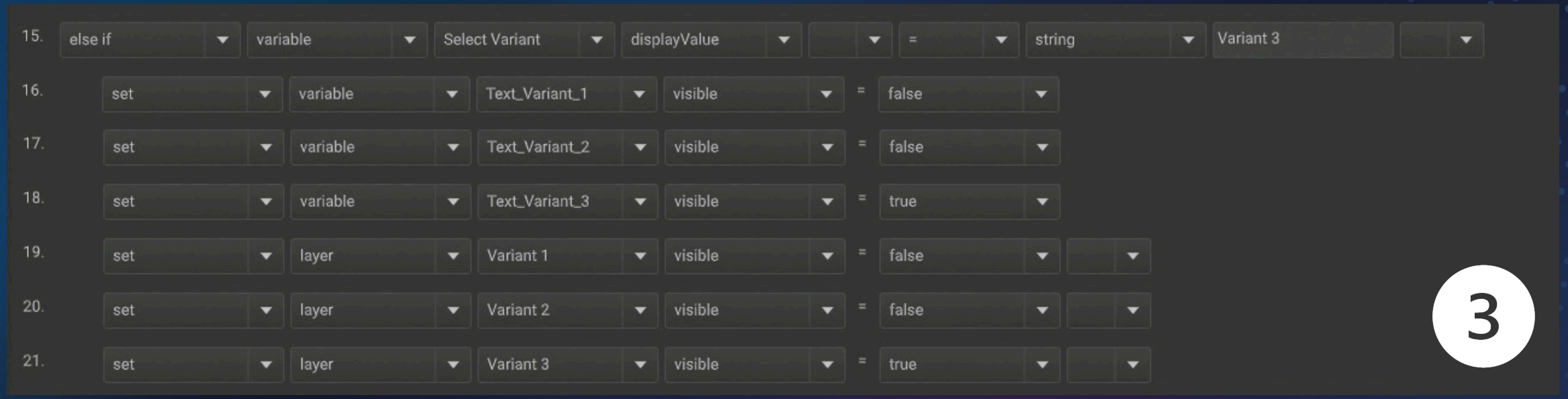
The classic approach



This block with 7 lines is needed for every layout variant (3 variants)
(21 lines of code in total)

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How about this…?

- **Instead** of showing and **hiding all layers/variables for each possibility**, we can do this for **all of them at once** before the query starts
- Once all layers and variables are hidden, we **only** need to **show** the **required** ones
- Fixed variables don't need to be shown and hidden - we can just **swap** the **values between variables**

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Let’s do it!

Select variable
Select layers
Select queries

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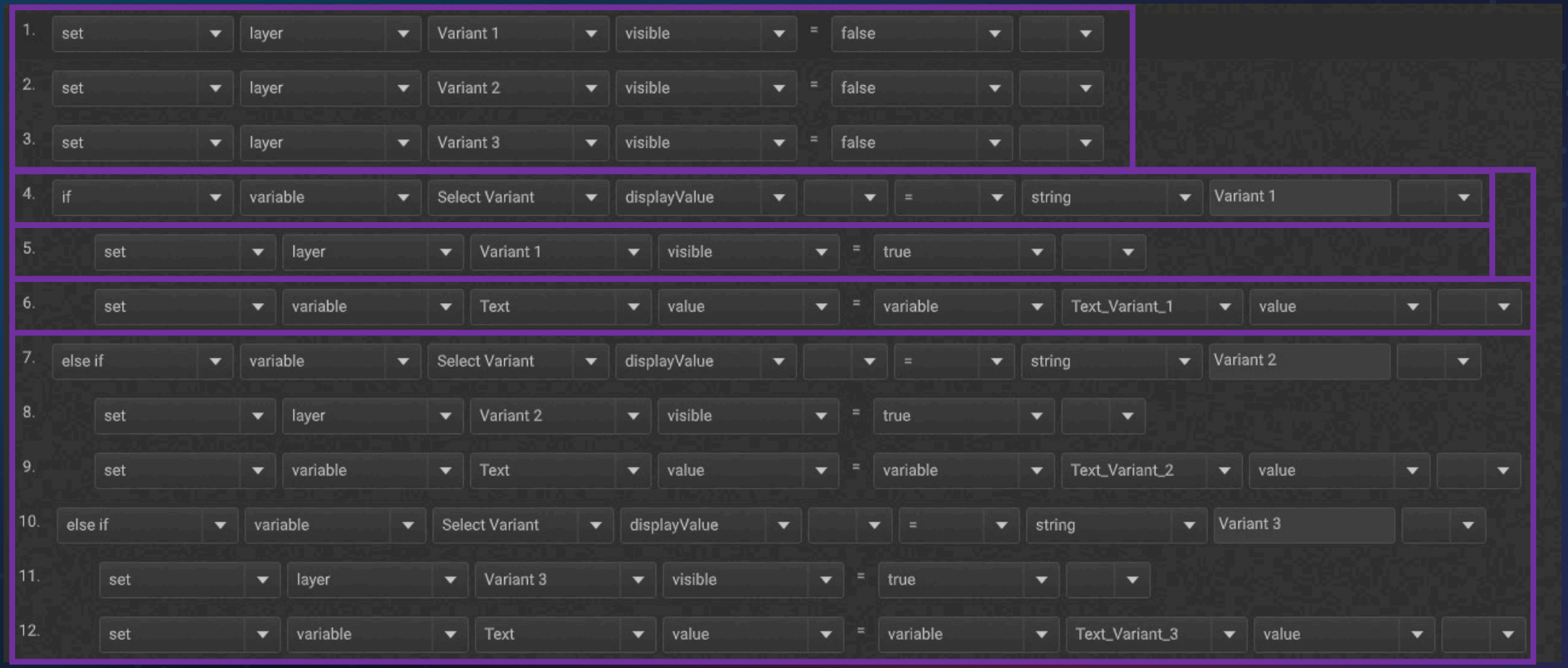
1.	set	layer	Variant 1	visible	=	false			
2.	set	layer	Variant 2	visible	=	false			
3.	set	layer	Variant 3	visible	=	false			
4.	if	variable	Select Variant	displayValue		=	string	Variant 1	
5.	set	layer	Variant 1	visible	=	true			
6.	set	variable	Text	value	=	variable	Text_Variant_1	value	
7.	else if	variable	Select Variant	displayValue		=	string	Variant 2	
8.	set	layer	Variant 2	visible	=	true			
9.	set	variable	Text	value	=	variable	Text_Variant_2	value	
10.	else if	variable	Select Variant	displayValue		=	string	Variant 3	
11.	set	layer	Variant 3	visible	=	true			
12.	set	variable	Text	value	=	variable	Text_Variant_3	value	



This action does the same in only 12 lines of code - saved us almost 50%!

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Java Script

Vali-dation

Calcu-lations

3rd party systems

Automated template creation

But this is just the tip of the iceberg…

This session was intended to help you with the implementation of your templates. These tips helped us to improve the creation process of Smart Templates.

We are happy to advise you on your template questions.
Hit us up at the RELATIAL booth!

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Thank you!

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