MatomoCamp

Matomo & Conversion Rate Optimization

Frédéric Forster

00. Introduction

- 01. Prerequisites : KPIs Framework & Tagging plan definition
- 02. How to find you first optimization ideas ?
- 03. How to prioritize these ideas using C.R.O Frameworks ?
- 04. How to use Matomo UX Analytics features in the process ?
- 05. How to write your testing hypotheses ?
- 06. How to make an AB Test using Matomo testing feature ?

00. Introduction

Frédéric Forster

Digital Analytics & C.R.O Consultant

Former pedagogical director of the Digital Marketing Master (HEMA Group)



Linkedin : https://fr.linkedin.com/in/fredericforster

First, we need to define what performance is

- "Performance expresses the level of achievement of the objectives pursued"

Then, we need to define the objectives (business goals)

- Ex : Increase the part of people who will purchase one of our product

And finally, the level of achievement (Indicators, Threshold & Segment)

- Indicator : Ecommerce Conversion Rate
- Threshold : 2%
- Segment : All users

In order to do so, we will use two tools

- The KPI Framework
- The Measurement / Tagging Plan

The KPI Framework

	Business Goal	Indicator	Description	Matomo Metric	Threshold	Source
		Traffic volume Total number of visits over the period (all channels)		Visits	50 000	
REACH		New visitors	Percentage of new visitors	New visitors	50%	Matomo
	Increase the visibility of sites	Brand traffic	Direct traffic or traffic from queries containing the brand name over the period	Visits	40%	Matomo SEO tool
		Social media audience	Total number of subscribers (Youtube, Instagram) over the period	•	400 000	Social Media (Twitter, Youtube)
		Home page bounce rate	Proportion of visitors who only saw the homepage during their visit	Bounce rate	20%	
	Increase the number of qualified users on the platforms	Number of page views	er of page views Average number of pages viewed per session		5	
ENGAGEMENT		Rate of qualified visits	Proportion of visits lasting more than one minute over the period	Visits	25%	
	Engage the audience with relevant and	Site interaction rate	Proportion of visits that included at least one user interaction (click on a button) during the period	Visits	60%	Matomo
	interactive features and tools	High value interaction rate	Proportion of visits that included at least one high-value interaction (e.g. newsletter sign-up) during the period		20%	
	Develop the visitor base within the digital eco-system	Cross-site visit rate	Proportion of visits including a link to another site in the digital ecosystem over the period	Visits	10%	
CONVERSION	Facilitate / develop the realization of actions	Number of ticket purchases	Total number of ticket purchases over the period	Number of conversions	100	
CONVERSION	having a direct impact on the business	Conversion rate	Proportion of visits having made at least one purchase over the period	Conversion rate	5%	Matomo
	Maintain and develop the relationship with the site's audience	Known visitors	Percentage of known visitors	Known visitors	20%	
ADVOCACY	Increase the number of contacts in the CRM	Newsletter registration rate	Percentage of visitors having subscribed to the newsletter	Visits	10%	Matomo
ADVOCACY	Develop visitors from social networks	Rate of visits from social networks	Share of visits from social networks over the period	Visits	10%	
	Develop interactions with the community on social networks	Interactions on social networks	Number of likes, shares and comments over the period	*	2%	Social Media (Twitter, Youtube)

The Measurement Plan

J	01 - Measurement Plan	Question: What is tracked?	Audience : All			
₹	Page Template	≂ Action	= Matomo feature	≂ Event category	≂ Event action	= Event Name 🛛 =
1	Promotions	When the user cliks on "JOIN NOW" in the /promotions/ section of the website	Event	join intention	join now - micro conversion	button click
	Join funnel	When Open Account (Step 1/2) page loads	Pageview		171	17
100 100	Join funnel	When the user starts interacting with the form in "Personal Info" section	Form Analytics	-		(=
	Join funnel	When the user starts interacting with the form in "Contact Info" section	Form Analytics		-	-
5	Join funnel	When the user clicks on the "NEXT" button	Event	join funnel	next - micro conversion	button click
6	Join funnel	When Open Account (Step 2/2) page appears	Virtual pageview	-	152	(-
7	Join funnel	When the user starts interacting with the form in "Address" section	Form Analytics	-		(-
8	Join funnel	When the user starts interacting with the form in "How did you hear about us?" section	Form Analytics		1.57	
9	Join funnel	When the user starts interacting with the form in "Password" section	Form Analytics	2	-	(2) (2)
10	Join funnel	When the user ticks "I have read and agree to be bound by ther Terms & Condition"	Event	join funnel	tcu agreement	checkbox tick
11	Join funnel	When the user clicks on the "Open My Account" button	Event	join funnel	open my account - macro conversio	on button click
	Join funnel	When the /join-process/verified.apsx loads	Pageview	5	172	-
13	Join funnel	When the user clicks on the "CLAIM NOW" button	Event	account success	claim now - micro conversion	button click
14	Join funnel	When the user clicks on the "DEPOSIT NOW" button	Event	account success	deposit now - micro conversion	button click
15	Join funnel	Whe the user doens't tick the TCU Agreement checkbox	Event	join funnel	tcu agreement	error - message
16	Sportsbook	When the user clicks on the "Quick Deposit" Button	Event	deposit intention	quick deposit - micro conversion	button click
17	Select Deposit Method	When the iframe appears	Virtual pageview	2 163		a de la constante de la consta
18	Select Deposit Method	When the user clicks on a "Credit card"	Event	select deposit method	credit card	button click
19	Select Deposit Method	When the user clicks on "Cash Deposit"	Event	select deposit method	cash deposit	button click
20	Select Deposit Method	When the user clicks on "Call"	Event	select deposit method	cash deposit	option - call
21	Select Deposit Method	When the user clicks on "Chat with an agent"	Event	select deposit method	cash deposit	option - chat with an agent
22	Select Deposit Method	When the user clicks on "Call now to deposit	Event	select deposit method	call now to deposit	button click
23	Select Deposit Method	When the user clicks on "Bitcoin"	Event	select deposit method	bitcoin	button click
24	Select Deposit Method	When the user clicks on "Litecoin"	Event	select deposit method	litecoin	button click
25	Select Deposit Method	When the user clicks on "BitcoinCash"	Event	select deposit method	bitcoincash	button click
26	Select Deposit Method	When the user clicks on "Ethereum"	Event	select deposit method	ethereum	button click
27	Select Deposit Method	When the user clicks on "Alt Credit Card"	Event	select deposit method	alt credit card	button click

28 Credit Card Deposit

Virtual pageview

The Tagging Plan | DataLayer

	03 - DataLaye	r - Question: How is it tracked?	Audience : Dev Team		
		<u>T ! Matomo Documentation</u> ble needs to be defined before the contai	ner is loaded!!		
- 7	Page Type	= Action	Tracking code to add to the site		7
1	Promotions	When the user cliks on "JOIN NOW" in the /promotions/ section of	<pre>var _mtm = _mtm []: _mtm.push({ 'event: 'mtm_event', 'event_category': 'join intention', th 'event_cation': 'join now - micro conversion', 'event_cation': 'join now - micro conversion', 'event_cation': 'button click', 'event_value': TBD));</pre>	event': 'mtm_event', 'event_category': 'join intention', 'event_action': 'join now - micro conversion', 'event_acme': 'jouton click', 'event_value': TBD	
2	Join funnel	When the user clicks on the "NEXT" button	<pre>var _mtm = _mtm []; _mtm.push({ 'event: 'mtm_event', 'event_category': 'join funnel', 'event_caction': 'next - micro conversion', 'event_caction': 'houtton click', 'event_value': TBD });</pre>	checkout_screen: "step 1: open account" checkout_step: "1" env_platform: "desktop" env_work: "test" event: "mtm.CustomEvent" event_action: "next - micro conversion" event_actegory: "join funnel" event_actegory: "join funnel" event_actegory: "join Click" event_value: 1 page_name: "step 1" page_template: "join"	
3	Join funnel	When the user ticks "I have read and agree to be bound by ther Terms & Condition"	<pre>var _mtm = _mtm []; _mtm.push({ 'event: 'mtm_event', 'event_category': 'join funnel', 'event_action:' 'tcu agreement', 'event_name': 'checkbox tick', 'event_value': TBD });</pre>	user_login_status: "unlogged" checkout_screen: "step 2: open account" checkout_step: "2" env_platform: "desktop" env_work: "test" event "mtm.CustomEvent" event_action: "tcu agreement" event_actegory: "join funnel" event_actegory: "join funnel" event_actegory: "join funnel" event_actegory: "join funnel" event_actegory: "join funnel" event_actegory: "join funnel" event_actegory: "join" user_login_status: "unlogged" checkout_screen: "step 2: open account"	

The Tagging Plan | Variables

06 - Variables					
Technical Environment					
Variable	Description	Туре	Source	Destination	Examples of expected values
env_work	The technical environment (Test or Live)	string	Website	DataLayer	Test Live
env_platform	The type of devices used by the visitor	string	Website	DataLayer	Desktop Tablet Mobile
Pages					
Variable	Description	Туре	Source	Destination	Examples of expected values
page_name	The name of the page	string	Website	DataLayer	Bet online at America's favorite Online Sportsbook
page_template	The type of page visited	string	Website	DataLayer	join select deposit method credit card deposit crypto deposit
Deposit					
Variable	Description	Туре		Method	Examples of expected values
checkout_step	The step of the checkout	string	Website	DataLayer	1 2 3 4
checkout_screen	The screen within the checkout step	string	Website	DataLayer	step 1: select deposit step 2: enter amount step 3: select your credit card step 3: how would you like to receive our wallet ad step 4: select your bonus step 5: payment confirmation step 5: your bitcoin deposit new address
\$checkout_bonus	The value of the bonus	integer	Website	DataLayer	20
\$deposit_amount	The value of the deposit	integer	Website	DataLayer	200
\$promo_code	The promo code	string	Website	DataLayer	JOIN125
\$crypto_name	The name of the crypto	string	Website	DataLayer	bitcoin cash deposit call now to deposit litecoin bitcoincash ethereum alt credit card
					secure message

When we have all those elements, we can start the optimization process.

What is Conversion Rate Optimization ?

"Conversion rate optimization (CRO) is the practice of increasing the percentage of users who perform a desired action on a website".

Disclaimer

If you suddenly drop your prices by 90%, your conversion rate will skyrocket, but your business may collapse. That's why we should talk about conversion volume & value optimization.

02. How to find you first optimization ideas ?

Since you have defined your indicators (ex : Ecommerce conversion rate for all users), you can now compare these metrics between your different segment / audiences.

Ex : Ecommerce Conversion Rate

- Desktop : 3%
- Mobile : 1%
- Tablett : 2%

In this case, you could look into the Ecommerce Sales Funnel and see if there is any difference in the checkout step completion between these different device types.

02. How to find you first optimization ideas ?

In the funnel reports, check whether you see any differences between audiences types using segments.



02. How to find you first optimization ideas ?

If you saw a huge difference at the payment information step (let's say for mobile users), then you may want to investigate further.

We'll see that at step 04. How to use Matomo UX Analytics features in the process.

For now, let's continue our journey through Optimization with C.R.O Frameworks.

PIE | <u>Widerfunnel</u>

Potential

How much improvement can be made on the pages?

Importance

How valuable is the traffic to the pages? (amount of traffic, etc.)

Ease

How complicated will the test be to implement on the page or template?

Web and Heuristic an Voice of cust	alysis	Cost Traffic volume Return on investmer	"Pol	nnical itical"
LIFT zone	P otential	Importance	Ease	PIE score
Homepage	10	10	8	9.3
Checkout	8	10	9	9.0
Product page	10	9	7	8.7

ICE | <u>Sean Ellis</u>

Impact

What will the impact be if this works?

Confidence

How confident am I that this will work?

Ease

What is the ease of implementation?



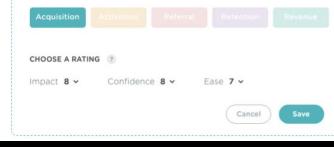
Add social proof indicators underneath value prop

by Alex Birkett Tue Sep 20 2016

ABOU	T THE	IDEA				
в	I	U	÷	≔	I=	

Let's test adding image and text testimonials of our most prominent customers, and add it right below the fold under the value prop

SELECT A GROWTH LEVER



O	Like?	O likes
4	Saves	O saves
₫	Test	
6	Duplicat	e
D	Archive	
0	Get Sha	reable Link
+	Add to R	oadmap

HotWire | Optimizely

Rule	1 Point	0 Points
Main Metric	Supports the company's main metric – new bookings	Supports a secondary metric, like CTR or Net Promoter Score
Location	Tests a change to the results or billing pages	Tests a change located on any other pages
Fold	Makes a change above the fold	Makes a change below the fold
Targeting	Targets 100% of customers	Targets a subset of customers (repeat only, new only, top 50 markets, etc.)
New Information	Adds new information or a new element or removes an element from the page	Makes a change to the existing elements (copy, color, UI, etc.)
Benchmarking	Borrows from a success on family sites Expedia.com, Hotels.com, or CarRentals.com	No benchmarking best practice
Conversion Veins	Applies to two or more conversion vein themes	Applies to one or fewer conversion vein themes
Strategic Topic	Supports a strategic company goal	Doesn't map to a company-level goal
Mobile	Would change an element of the mobile web experience, or encourage an app install	No mobile component
Opaque	Potential to increase of opaque share for a line of business (travel industry-specific value metric)	No influence on opaque share of business

PXL | Conversion XL

PXL prioritization framework by ConversionXL

Test hypothesis: Is it	Above the fold?	Noticable within 5 sec? (2 or 0)	Adding or removing an element? (2 or 0)	Designed to increase user motivation?	Running on high traffic page(s)?	Addressing an issue discovered via user testing?	Addressing an issue discovered via qualitative feedback (surveys, polls, interviews)?	Addressing insights found via digital analytics?	Supported by mouse tracking heat maps or eye tracking?	Ease of implementation (less than 4 hrs = 3, up to 8 hrs = 2, under 2 days = 1, more = 0)	RESULT
Re-structure and re-write the copy on the Tour page	1	2	2	1	1	1	1	1	0	2	12
Reverse the order of the home page content blocks	1	2	0	0	1	0	0	1	0	3	8
Increase body copy font size for mobile	0	2	0	0	1	0	0	0	0	2	5

Thanks to C.R.O Frameworks, you have identified optimization opportunities and prioritized them.

The next thing you want to do is get more information about the issue you have discovered.

Ex : You saw in Matomo that the checkout step "Payment info" is really lower for mobile users than for other devices. But what exactly is that issue ?

This is when Matomo UX Analytics feature come into place.

Session recordings

Session recording "Homepage"

ENTRY URL EXIT URL	PAGEVIEWS	TIME	TIME ON WEBSITE	LOCATION	DEVICE	OS	BROWSER
\bigoplus /diving/the-caribbean \rightarrow /diving/bonaire	4	Aug 1, 19:00:29	00:33	- 2	-	-	
	4	Aug 4, 23:15:02	00:58	55	-	-	
$$ /diving/the-caribbean \rightarrow /diving/bonaire	4	Aug 8, 19:00:29	00:35	3	171		5
\bigoplus /diving/lankayan \rightarrow /best-dive-sites	4	Aug 18, 23:15:02	00:58	25	2	120	2
	4	Aug 29, 19:00:29	00:44		-	-	-
$$ /diving/lankayan \rightarrow /best-dive-sites	4	Sep 8, 23:15:02	00:57		100	-	-
$$ /diving/the-caribbean \rightarrow /diving/bonaire	4	Sep 12, 19:00:29	00:35	7		1	5
$$ /diving/the-caribbean \rightarrow /diving/bonaire	4	Sep 19, 19:00:29	00:43	21	12	1	2
\oplus /diving/the-caribbean /diving/bonaire	4	Sep 26, 19:00:29	00:42			-	
\oplus /diving/the-caribbean \rightarrow /diving/bonaire	4	Oct 3, 19:00:29	00:40	-1		1.00	-
	4	Oct 10, 19:00:29	00:40	3		1	ā.,
$$ /diving/the-caribbean \rightarrow /diving/bonaire	4	Oct 17, 19:00:29	00:47	28	123	120	2
\oplus /diving/the-caribbean – /diving/bonaire	4	Oct 24, 19:00:29	00:38			-	-
$$ /diving/the-caribbean \rightarrow /diving/bonaire	4	Oct 31, 18:00:29	00:35	-1	200	8-2	-
$$ /jobs/view/dive-instructor-required-gran-canaria-2 \rightarrow /jobs/view/padi-instructor-1	4 3	Aug 5, 01:25:02	00:31	-		100	5
$$ /diving/seychelles \rightarrow /	3	Aug 8, 04:15:12	00:56	25	123	828	-

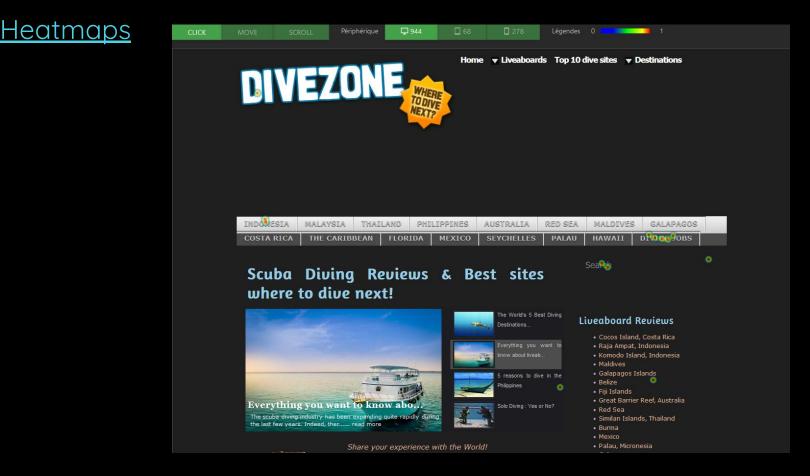
Session recordings

Aug 1, 2021 19:00:29 divezone.net/diving/the-caribbean 1280x615 Pageview of 0

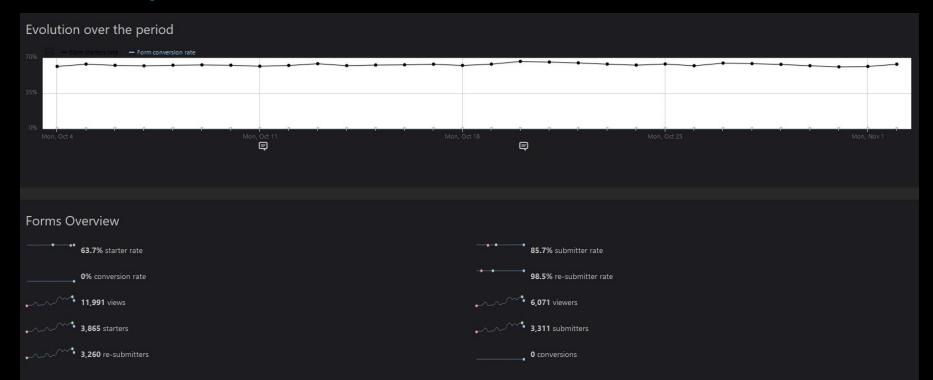
✓ 5 → 1 2 2 00:05 of 00:05

Click Move Scroll Resize Form Change Change Within Page





Form Analytics



<u>User Feedback Plugin</u>



This new feature allows you to ask feedback to your users using Matomo Tag Manager.

Imagine that a mobile user is about to leave your checkout step "Payment info".

With this feature you will be able to display a popup with a question like "What went wrong for you on this page?"

User Plugin Feedback Documentation

English Deutsch Francais • login

<u>User Feedback Plugin</u>

MatomoCamp

Introduction to the "Matomo User Feedback" plugin 🛍 .ical 2021-11-05, 09:00-09:45, Livestream Room 1 Langue: Anglais View Livestream Join Chatroom * Found what you where looking tor? • Yes • No • Partly ***** UserFeedback is our form builder plugin for Matomo and in this session I will demo its functionality. With UserFeedback you can: Build forms with the included form builder and customize fields and values. After creating a form, you can display this form anywhere on your website (as long as you use Matomos Tag Manager). You can also customize how to display the forms. We have built in support for: -Overlay display -Feedback button -Raw (inline) It is also easy to add you custom styling to the forms After publishing a form to your site, feedback data will be collected in Matomo and you can also use Matomos "Segments" to filter down you results. **Tomas Persson** I am a business developer at Digitalist Sweden. I have worked with tracking Digital analytics since 2010 and I have been a contributor to open source since 2007

This speaker also appears in:

- Privacy and PII in relation to the web
- Matomo TagManager Hands on with Basic Tracking & Consent Management
- How to break Matomo and also some inputs on how to fix it
- Tracking SPA applications with Matomo

05. How to write your testing hypotheses ?

Now, you have your optimization ideas

You have sorted them by priority

You have collected more information with UX Analytics features

You can describe the issue more accurately

Ex : For mobile users, in the checkout sept "Payment info" the "Accept Terms of sales" button is not visible enough (Session recording told you so). They don't click it (Events & Heatmaps told you so), what makes the "Next" button unclickable. They don't understand what's wrong, and leave the page.

You are now able to write your test hypothese

If I {{describe what you are going to do on the page}}, then users will {{describe the change you expect in users' behaviour}}

You have your test hypothese

If I <u>make the "Accept terms of sales" button more visible in checkout step "Payment info" for</u> <u>mobile users</u>, then <u>they will click it and be able to go to next steps and complete their purchase</u>

Now, use <u>Sample Size and Duration Calculators</u>

Test statistic details and sample size and duration calculators	Sample size	Ø Duration calculator	Monthly monetary	Minimal detectible
(unlock from test data to use as stand alone tools)	Calculator Baseline conversion rate (control)	Baseline conversion rate (control) 3 % Minimal detectible effect @ 15 %	Average order value of one non- control variant	Minima detectible effect (MDE) • Week MDE 1 42.63% 2 29.30% 3 23.63%
	Statistical power () 80 % Conversion rate lift % ()	Number of variants		4 20.33% 5 18.07% 6 16.43%
	15 % Number of variants () 3	2000 Percent traffic in test () 100 %		
	Required sample size per variant 10	How long in total to run the test 🛛		

0

Start configuring your AB Test

Create new A/B test

An A/B test lets you compare different versions and see which one performs better. These fields are required in order to create an A/B test. Once the A/B test has been created you will be able to customize it further.

Name

eg 'BuyNowButtonColor

Hypothesis

eg 'If I change the buy now button color, then I am hoping to sell more products because the button will be more visible.' The name is a unique name for this A/B test. The chosen name may be visible to your users in the source code or URL when running the A/B test. Use only alpha numeric characters without any space or special characters. Max 50 characters are allowed.

The hypothesis explains what you predict to happen when you run the A/B test, what the outcome will be and why it will happen. For example 'If I change the buy now button color, **then** I am hoping to sell more products **because** the button will be more visible.'' The hypothesis is an important step in defining your A/B test and we recommend to take some time to think about it.

Description

eg 'Comparing blue and red buy now button color'

This field is used to describe which things will be compared. For example "Comparing blue and red buy now button color".

Variation

Original

Variation1

Variations is the term for any new version (variation) you will test against the original (current) version. For example if you want to test different button colors against each other, create one variation for each color you want to compare. The variation names may be visible to your users in the source code or URL. Use only alpha numeric characters without any space or special characters. Max 50 characters can be used per variation name.

Target Pages

Visitors enter this A/B test on any page

By default, an A/B test will be executed on all of your pages. Alternatively, you can choose to execute the A/B test only on a specific page. If you specify a domain including an optional path the A/B test will be only executed on that page. Once the A/B test has been created you can include and exclude more pages.

Edit A/B test "Test"

Definition	Name		
Success metrics	Test		The name is a unique name for this A/B test. The chosen name may be visible to your users in the
Success conditions			source code or URL when running the A/B test. Use only alpha numeric characters without any space or special characters. Max 50 characters are allowed.
Target Pages			
Traffic Allocation	11		
Redirects	Hypothesis		The hypothesis explains what you predict to happen when you run the A/B test, what the outcome
Schedule	Test		will be and why it will happen. For example "If I change the buy now button color, then I am
Embed code			hoping to sell more products because the button will be more visible.". The hypothesis is an important step in defining your A/B test and we recommend to take some time to think about it.
UPDATE	Description		
or Cancel	Test		This field is used to describe which things will be compared. For example "Comparing blue and red buy now button color".
	Variations		
			Variations is the term for any new version (variation) you will test against the original (current) version. For example if you want to test different button colors against each other, create one variation for each color you want to compare. The variation names may be visible to your users in the source code or URL. Use only alpha numeric characters without any space or special characters.
	10 * 11 × 4		Max 50 characters can be used per variation name.
	Variation1	• •	
	Variation2	• •	

Edit A/B test "Test"

Definition	Select one or more success metrics		
Success metrics			Success metrics help you to measure which of the variations is most successful and should be used
Success conditions	Total Conversions -	•	in the future. You can select one or multiple metrics to validate your hypothesis. Matomo will show a report
Target Pages			comparing the different variations for each of your chosen metrics.
Traffic Allocation			We recommend not to change any of your selected success metrics once an A/B test has been started as it could lead to misinterpretations about the results.
Redirects			started as it could lead to misinterpretations about the results.
Schedule	Ecommerce Orders -	00	Click here to create a new goal if a success metric is missing from the list.
Embed code			
	Ecommerce Orders Revenue	00	
UPDATE			

Edit A/B test "Test"

		linimum Detectable Effect (MDE) 5%	The minimum detectable effect is the relative minimum improvement that you expect to detect. For example if the conversion rate of a goal is currently 10%, and you expect a 20% MDE, then a variation will need to have a conversion rate of at least 12% in order to be a winning variation. If you expect a small effect we recommend to choose 10%, for a medium effect choose 40% and for a large effect choose 70%.
Schedule	Schedule		
Embed code Confidence Threshold	Embed code	Confidence Threshold	
95.0% The goal of an A/B test is to make sure you collect enough data to confidently make changes based on the results of this A/B test. The higher the number, the more likely it is that the results are real, repeatable, and not due to random chance.	95.0%	95.0%	

or Cancel

We use the minimum detectable effect and the confidence threshold (statistical significance) to calculate the amount of visitors needed before you can be confident about the results. During the lifetime of an A/B test you might see many different potentially winners that achieve the desired effect. However, you need to run the A/B test long enough to ensure the detected effect is not due to randomness.

Edit A/B test "Test"

Definition Success metrics Success conditions Target Pages Traffic Allocation Redirects Schedule Embed code	URL validator: Enter a full URL including the protocol to check if a visitor will enter the A/B test of http://www.example.com/	on this URI	
UPDATE or Cancel	Rule URL equals simple equals simple eg. http://www.example.com/directory	0	Targets allow you to define on which pages a visitor should enter this A/B test. You can define one or more conditions. For example you can define to run an A/B test whenever the URL or path equals a certain value or only if a certain URL parameter is present in the URL. A visitor will enter the A/B test when any of the conditions are met. not if all of them are met. All conditions will be evaluated case insensitive.
	A visitor will not enter the A/B test when: Rule URL equals exactly	o	By defining exclusions you can restrict on which pages a visitor will not enter this A/B test. If a page matches any of these conditions, a visitor will not enter this A/B test.

Edit A/B test "Test"

Definition Success metrics Success conditions Target Pages	Percentage of visitors who enter this A/B test: 100% 	<u> </u>	Specify how many of your visitors should enter this A/B test. If you select 70%, then 70% of all your visitors will enter this A/B test and see either the original version or any variation. The other 30% won't enter the A/B test and they will always see the original version.
Traffic Allocation			
Redirects			
Schedule			
Embed code	Percentage of traffic allocated to each variation:		
UPDATE or Cancel		%	It is recommended to show each variation to an equal amount of visitors (default) but you can change the percentage for each variation. The sum of all variations, including the original version should be 100%. Make sure some traffic is always allocated to the original version.
	Variation "Variation1"		
		%	
	Variation "Variation2"		
		%	

Edit A/B test "Test"

finition	Variation "Variation1"	
ccess metrics	eg http://www.example.com	If you want to redirect your users to a different page when they enter this A/B test, you can
ccess conditions		optionally configure a redirect URL for each variation. This is useful when you run an A/B test in the browser using our JavaScript A/B testing framework. If you configure a URL, the "Embed Code" will
get Pages		automatically include the tracking code to perform a redirect so you only need to copy / paste the
ffic Allocation	Variation "Variation2"	tracking code into your project and you are done.
directs	eg http://www.example.com	If the redirects should not be executed on all pages, we recommend to make sure to specify on
nedule		which pages a redirect should be executed under "Target Pages".

With our PHP A/B testing framework you can also redirect users server side in your PHP project.

UPDATE

Embed code

or Cancel

De

Re

Edit A/B test "Test"

Definition	By default an A/B test will start as soon as this A/B test is embedded into your project and will end as soon	as you manually finish it. Alternatively you can schedule a start and finish date for this A/B test.
Success metrics		
Success conditions	Start A/B test on:	
Target Pages		Leave the field empty if you want to start the A/B test as soon as this A/B test is embedded into
Traffic Allocation		your project. Make sure to finish configuring this A/B test before the scheduled starting date. It is
Redirects		not recommended to change an A/B test once it has been started as it could lead to misinterpretations about the results. The specified date will be assumed to be in UTC timezone.
Schedule		The current time in UTC is Fri, 05 Nov 2021 09:36:55 GMT.
Embed code		
	Finish A/B test on:	
UPDATE or Cancel		Leave the field empty if you want to finish the A/B test manually. If specified, this A/B test will end automatically on the finish date. If you schedule the A/B test to be finished automatically, make sure to run this A/B test long enough so the results will be real and not due to randomness. The specified date will be assumed to be in UTC timezone. The current time in UTC is Fri, 05 Nov 2021 09:36:55 GMT .

Edit A/B test "Test"

Definition

Success metrics

Success conditions

Target Pages

Traffic Allocation

Redirects

Schedule

Embed code

UPDATE

or Cancel

This A/B test will start automatically as soon as this A/B test is embedded into your project unless you have configured a scheduled date. Make sure to make all needed configurations upfront as it is not recommended to change an experiment once it has been started.

Running an A/B test in the browser with the Matomo JavaScript Tracker

You can run experiments within your website or web application. If you use the Matomo JavaScript Tracker on your website follow the website implementation guide using the generate experiment code below:

```
<!-- Matomo A/B Test -->
<script type="text/javascript">
    var _paq = _paq || [];
   pag.push(['AbTesting::create', {
       name: 'Test', // you can also use '1' (ID of the experiment) to hide the name
       percentage: 100,
       includedTargets: [{"attribute":"url","inverted":"0","type":"equals simple","value":']
                                                                                                                    11,
       excludedTargets: [],
       variations: [
               name: 'original',
               activate: function (event) {
                   // usually nothing needs to be done here
               name: 'Variation1', // you can also use '1' (ID of the variation) to hide the name
               activate: function(event) {
                   // eg $('#btn').attr('style', 'color: ' + this.name + ';');
               name: 'Variation2', // you can also use '2' (ID of the variation) to hide the name
               activate: function(event)
                   // eg $('#btn').attr('style', 'color: ' + this.name + ';');
```

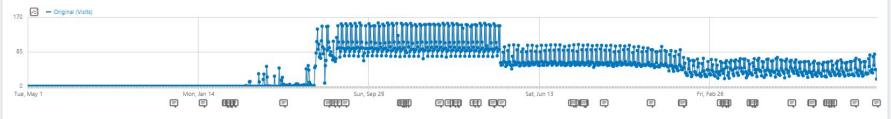
AB Test Example

A/B test "JobPageRelevantCallToAction"

Hypothesis: If I change the top CTAs on the individual job page to be an action about the job, then more users will apply to jobs. Description: Remove top two CTAs on individual job page & amp; replace w/ 'Apply now!' CTA. Expected Minimum Detectable Effect: 15% Confidence Threshold: 95.0% Status: The A/8 test has been running for 1283 days and 20 hours since Tue, May 1.

When to declare a winner? This A/B test report might indicate a winning or losing variation but it is crucial to run A/B tests for at least one or two full business cycles. As user's behaviour varies at different times and days of the week we recommend to run A/B tests for full days or often better full weeks to ensure the detected effect is not due to randomness.

Evolution over the period



<u>AB Test Example</u>

Overview				
VARIATION 💌	VISITS	VISITS ACTIVELY ENTERED	UNIQUE VISITORS	CONVERSION RATE "CONVERSIONS "GOAL NEW JOB APPLICATION""
Original	60,289	39,038	391	1.7%
ApplyNow	48,047	30 <mark>,</mark> 576	322	3.6%
Total	108,336	<mark>69,614</mark>		2.5%
4				÷
Conversions "Cool New Job Application"				

Conversions "Goal New Job Application"

VARIATION 🔻	VISITS	UNIQUE VISITORS	CONVERSIONS	CONVERSION RATE	DETECTED EFFECT	REMAINING VISITORS	STATISTICAL SIGNIFICANCE
Original	60,289	391	1,015	1.68%	(a)	-	9 - 9
ApplyNow	48,047	322	1,738	3.62%	115%	41,400	100%

More visitors are needed to draw conclusive results.

Any questions ?

Thank you !