



# NOVA WEBSITE DOCUMENTATION



## Introduction

This document describes the Nova Website architecture and its main functionalities. This is a living document and will be enhanced with screenshots and extra details in the near future.

## Configuration

### Web hosting

The nova website is hosted on an [OVH Personal Website](#) offer (3.59€/m after taxes), the servers are located in the European Union. [OVH](#) is a world leader in dedicated servers and cloud computing.

The dedicated server is accessible via SFTP allowing for easy modification of the source code, the credentials are given on this [page](#) (login protected).

The database works on [MySQL](#) and is hosted on the OVH dedicated server and available [here](#) (login required). You can explore it using [PhpMyAdmin](#) and view its daily automatic [here](#).

The SSL certificate is provided by OVH as well with automatic renewal when needed so that HTTPS never breaks.

### More information

- [OVH on Wikipedia](#)

### Wordpress and Divi

The website is backed by [Wordpress](#), which powers 30% of the Internet including websites such as [TechCrunch](#). This allows to generate admin interfaces easily like [Django](#) but is easier to make plugins for allowing for a wide range of features that can easily be added in the future.

In particular, the website frontend is built using [Divi](#). Note that a 89 usd/yr subscription to Divi is needed to have access to their very reactive support and updates to their available components but that it will cost Nova nothing to keep them as is and sell the website to other entities if needed.

[Here](#) is a great short video on how the Divi builder works.

Please go [here](#) to log into the Wordpress administration and be able to create new pages and edit current ones, and access the Divi Builder. Screen shots coming shortly ;)

## Workflow

The basic idea is that you create pages from the Wordpress admin and edit them with the Divi Builder.

### Creating a new page

In the Wordpress admin sidebar, hover `Pages` and you will see that a link appear to create a new page. Click on it and you will see a button saying `Use Divi Builder` to start being able to construct your new page. Before doing that though, in the sidebar on the right under `Page Attribute`, select a parent page such as Products or Services to see it appear in the website menu automatically. Make sure that you add a featured image for the page from the left sidebar so it appears on the website menu.

Once you click on `Use Divi Builder`, you can add text, links and images easily.

### Modifying an existing page

In the Wordpress admin sidebar, hover `Pages` and click on `All Pages` to be able to edit any page. Everything is the same as for creating a new page.

## Nova overlay

The Nova Overlay theme is a custom made and custom taylorred plugin to add a sidebar menu, header, and a social share button on each page. It is composed of a PHP file and a CSS one allowing to split the logic and appearence of the menu. The folder containing these two files should be added to the plugins directory of Wordpress via the OVH SFTP connection discussed above.

The PHP file hooks into the wordpress admin interface settings to change which pages to show on the menu (not limited to three links by the way, you can have more or less).

## Google Maps

The google maps API key is on Thomas Binetruy's credit card. The key is dropped in the appropriate field in the Divi configuration settings available from the Wordpress admin.



## Google analytics

The following email addresses have been added to the [Google Analytics](#) account with full permissions:

- [joe@novamedia.nyc](mailto:joe@novamedia.nyc)
- [kyle@novamedia.nyc](mailto:kyle@novamedia.nyc)
- [jacques@novamedia.nyc](mailto:jacques@novamedia.nyc)
- [tbinetry@gmail.com](mailto:tbinetry@gmail.com) (account owner)

## Features

### PDF upload and download

- 1 Go to Wordpress (WP) admin, then hover on "Media" in the sidebar, and click on "Add New".
- 2 In WP admin, in the sidebar go to "Media" > "Library", find your newly uploaded file and click on it, then copy the content of the textbox on the left labeled "URL".
- 3 Add the link to a button as instructed [here](#) in the section "Creating a direct download button with Divi's Button Module".

### Click to call links

Add a new link using the Divi Builder and as a URL enter `tel:[number]` followed by the phone number to call. For example: `tel:1-408-555-5555`.

### 360 photo

The website can host 360 photos in a cross browser manner by proceeding as follows:

- 1 Go on [Veer.vr](#) and upload your cool video. We'll say it's this [one](#). Click on the "Share" button below the video and copy the [embedded code](#).
- 2 Go on the Divi Builder and add a new "code module" where you'd like on the page and paste the embedded code. Example at the bottom of the [legal page](#).

## ● **robot.txt file**

Currently empty. Robot.txt tells Google which pages Nova does not want him to index. Since Nova does not currently have private pages, it wants Google to reference all of its pages - hence the empty robot.txt. Let me know if you want to hide any pages from google and I'll add their urls to the robot.txt file. The file is currently available [here](#).

## ● **Social media share**

A tray is present under the left menu and allows the visitor to share the current page on Facebook.

## ● **Newsletter signup**

In BuildXR form, user can check a box to subscribe to a newsletter.

## ● **Website inbound and outbound links**

Simply add a link with the Divi Builder and enter an inbound or outbound URL.

## ● **Pretty URLs**

All pages have pretty URLs which are also editable from the Wordpress page admin panel.

## ● **BuildXR**

It is the module visible at the bottom of all pages. You can change the form from the Divi Builder.

## ● **Editing images**

The Divi builder allows for adding, modifying, and deleting all pictures on the website from a GUI. The only exception being the menu pictures which are editable from the Wordpress page administration interface by modifying the page associated pictures.