|  |  |  |
| --- | --- | --- |
| unisa.png | Logo - EON New.jpg | ttro_logo new.png |

|  |  |
| --- | --- |
| **Document title** | **HTML to PDF** |
| **Document reference number** |  |
| **Project name** | **UNISA e-Content 20140363** |
| **Unisa Department** | **Department of Economics** |



**Table of Contents**

**Description of Tool (Html to PDF) 5**

Html to Pdf component is an easy to use component to convert pages from the storeline to PDF documents. It supports printing Full math that is MathJax, MathML, TEX and LATEX.

**How to implement the Html to Pdf component 5**

Step 1.1 5

Step 1.2 5

Step 1.3 6

**Usage 6**

**Document sign-off**

This document has been seen and accepted by the following people:

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Title** | **Date** | **Signature** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**Revision history**

|  |  |  |  |
| --- | --- | --- | --- |
| **Revision** | **Compiler** | **Purpose** | **Change Summary** |
| 20171113 | Kyle Vorster | Document Created,  Internal Review |  |
|  |  |  |  |

# Description of Tool (Html to PDF)

Html to Pdf component is an easy to use component to convert pages from the storeline to PDF documents. It supports printing Full math that is MathJax, MathML, TEX and LATEX.

# How to implement the Html to Pdf component

Step 1.1

Instal the laravel framework, this component requires Laravel 5.3 and higher to work. You can use the following command to install a fresh copy of Laravel. Replace “website” and “5.3.\*” with your website folder name and the version of Laravel that you wish to install.  
  
composer create-project --prefer-dist laravel/laravel website "5.3.\*"

Step 1.2

Go to GitHub and download the html to pdf package. Copy the package into a folder called “packages” in your root Laravel installation, if you do not have the folder then create the packages folder. Browse to the folder in terminal and run composer install to install all the required packages that this component requires.  
  
You will now have to edit your composer.json file so that it will detect the new package. You can do this by adding the following lines to your main composer.json file.

"autoload": {

"psr-4": {

Inside of the psr-4 tag, add the following

"EONConsulting\\HtmlToPdf\\": "packages/html-to-pdf/src"

Now run the following command so that composer can pick up the new package you added.

Composer dump-autoload

Now add the service provider in your app.php config file, you will find this file within your config folder in the root folder of laravel.

Under the array “providers” add

\EONConsulting\HtmlToPdf\HtmlToPdfServiceProvider::class,

You are now ready to run   
  
“php artisan vendor:publish —provider=HtmlToPdfServiceProvider”

This command will publish the config file where you can edit the settings for the component, the default settings will work, so you do not have to modify the file.

Step 1.3

This component requires some server programs to work, you will have to install the following packages.

**Ubuntu**

You can run the below command

apt-get install wkhtmltopdf xvfb -y

Or for more information go to

https://codingexplained.com/dev-ops/installing-wkhtmltopdf-on-ubuntu-14-04-and-16-04

**CentOS**

You can follow the article at the below link for installation steps  
  
https://jaimegris.wordpress.com/2015/03/03/how-to-install-wkhtmltopdf-in-centos-6-5/

# Usage

To use the component you can just include the javascript on the page you require the component by using the below

@include('html-to-pdf::javascript')  
  
And then use the following link where ever you need to print to pdf

<a href="javascript:void();" id="convert-html-to-pdf">Print PDF</a>

The content you want to convert must be in a div called

<Div id=“body”>content</div>