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**Nunjucks with Gulp – Installation &Usage Guide**

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1. Install the Node into your system.

https://nodejs.org/en/

2. Add Proxy for Node

npm config set proxy http://proxy2.wipro.com:8080

npm config set https-proxy http://proxy2.wipro.com:8080

-- Restart your CMD

3. Installing plugins

Run the commands in a separate command window with the location pointing to the folder where nodejs got installed.

* $ npm install nunjucks
* $ npm install gulp
* $ gulp-nunjucks-render
* $ npm install gulp-nunjucks-html
* $ npm install –open

4. to create the App folder

And to create a config file on inside the app folder name as “package.json”

To run $ npm init

5. Go to **App** folder (project folder)

to can create three folders (pages, templates,html)

the given below structure is as follows

App

---pages (to create a pages folder)

Index.html

---templates

Base.html

---html

-Package.json

-gulffile.js

6. Templating with Nunjucks

Nunjucks allows us to break our html into smaller reusable pieces that we can use in other html files. To create a app folder and to create html files inside the app folder. The base.html and index.hmtl file structure are given below

<!-- base.html -->

<!DOCTYPE html>

<html lang="en">

  <head>

    <meta charset="utf-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1">

    <title>

      {% block title %} {% endblock %} <!-- we'll change the title -->

    </title>

     </head>

  <body>

    <div class="container container-fluid">

      {% block content %} <!--- Our content will be here -->

      {% endblock %}

    </div>

    <!-- jQuery (necessary for Bootstrap's JavaScript plugins) -->

  </body>

</html>

Let’s change the index.html to take advantage of our new base.html nunjucks template.

<!-- index.html -->

{% extends "base.html" %} <!-- we're extending the base template -->

{% block title %}This is the new title of our webpage{% endblock %}

{% block content %}

<h1>Welcome to Nunjucks<h1>

<p>

**Media** & Entertainment market is going through a rapid change bringing with it new opportunities. Content consumption has increased across devices. </p>

{% endblock %}

7. Integrating Gulpjs and Nunjucks

Now that we have our template and pages file ready. We will import the plugin and write a gulp task for it.

To create a gulpfile.js file

* importing the plugin

var gulp              = require('gulp');

var nunjucksRender      = require('gulp-nunjucks-render');

* writing up the gulp nunjucks task

gulp.task('nunjucks', function() {

* configuring the templates folder for nunjucks

 nunjucksRender.nunjucks.configure(['app/templates/']);

* get the pages files

return gulp.src('app/pages/\*\*/\*.+(html)')

      .pipe(nunjucksRender())

     .pipe(gulp.dest('app/html'))});

* default task to be run with gulp

8. Now, we can run the nunjucks task

$ gulp nunjucks

Nunjucks took our base template and index file and turned it into a fully compiled html page.