

Rendering pdf like crazy in hb

Browsershot configuration on gateway

This is the browsershot configuration needed to the run headless chrome container

// browser-shot.php

```
<?php

return [
    'PATH_CHROME' => env('PATH_CHROME'),
    'PATH_NODE_MODULES' => env('PATH_NODE_MODULES'),
    'HOST' => env('BROWSERSHOT_CHROMIUM_HOST', '127.0.0.1'),
    'NODE' => env('NODE', '/usr/bin/node'),
    'NPM' => env('NPM', '/usr/bin/npm'),
];
```

```
if (config('browser-shot.HOST')) {
    $browserShot->setRemoteInstance(config('browser-shot.HOST'), '9222')
        ->waitUntilNetworkIdle()
        ->setOption('args', ['--disable-web-security']);
}

$content = $browserShot->showBackground()
    ->showBrowserHeaderAndFooter()
    ->hideHeader()
    ->headerHtml(View::make($this->views['header'], $this->header_option?? []))
    ->footerHtml(View::make($this->views['footer'], ['reference' => $this->reference])>render())
    ->format('A4')
    ->margins(60, 15, 25, 15)
```

```
->pdf();
```

Docker container creating for headless chrome

Now than you need to make a container for the headless chrome and run it inside the docker network and pass it to gateway for to render pdf in chrome as headless mode

```
version: '2'
services:
  nginx:
    build:
      context: "../images/nginx"
    image: hbt/nginx
    labels:
      - traefik.enable=true
      - traefik.docker.network=docker
      - traefik.http.routers.gateway-hbt-va-http.entrypoints=http
      - traefik.http.routers.gateway-hbt-va-http.rule=Host(`console.hbtdev.org`, `client.hbtdev.org`)
      - traefik.http.routers.gateway-hbt-va-http.service=gateway-hbt-va-https@docker
      - traefik.http.routers.gateway-hbt-va-http.middlewares=https_redirect
      - traefik.http.routers.gateway-hbt-va-https.entrypoints=https
      - traefik.http.routers.gateway-hbt-va-https.rule=Host(`console.hbtdev.org`, `client.hbtdev.org`)
      - traefik.http.routers.gateway-hbt-va-https.tls=true
      - traefik.http.routers.gateway-hbt-va-https.tls.certresolver=zeross1
      - traefik.http.middlewares.https_redirect.redirectscheme.scheme=https
      - traefik.http.middlewares.https_redirect.redirectscheme.permanent=true
      - traefik.http.services.gateway-hbt-va-https.loadbalancer.server.port=80
    depends_on:
      - php-fpm
    volumes:
      - ${APP_CODE_PATH_HOST}:${APP_CODE_PATH_CONTAINER}${APP_CODE_CONTAINER_FLAG}
      - ${NGINX_HOST_LOG_PATH}:/var/log/nginx
      - ${NGINX_SITES_PATH}:/etc/nginx/sites-available
    ports:
      - "${NGINX_HOST_HTTP_PORT}:80"
    networks:
      - docker
      - hbt-gateway
    extra_hosts:
      - "gateway.hbtdev.org:192.168.65.2"
      - "search.hbtdev.org:192.168.65.2"
```

- "rates.hbtdev.org:192.168.65.2"
- "operations.hbtdev.org:192.168.65.2"
- "products.hbtdev.org:192.168.65.2"
- "travelgate.hbtdev.org:192.168.65.2"
- "foundation.hbtdev.org:192.168.65.2"
- "console.hbtdev.org:192.168.65.2"
- "client.hbtdev.org:192.168.65.2"

php-fpm:

build:

context: "../images/php-fpm-74-node-16"

dockerfile: Dockerfile

platform: linux/amd64

image: hbt/php-fpm-node:7.4-16

volumes:

- \${APP_CODE_PATH_HOST}:\${APP_CODE_PATH_CONTAINER}\${APP_CODE_CONTAINER_FLAG}
- ~/.ssh:/root/.ssh:ro
- "~/ssh:/home/www-data/.ssh:ro"
- "tmpfiles:/tmp"

networks:

- hbt-gateway

restart: always

expose:

- 9000

extra_hosts:

- "gateway.hbtdev.org:192.168.65.2"
- "search.hbtdev.org:192.168.65.2"
- "rates.hbtdev.org:192.168.65.2"
- "operations.hbtdev.org:192.168.65.2"
- "products.hbtdev.org:192.168.65.2"
- "travelgate.hbtdev.org:192.168.65.2"
- "foundation.hbtdev.org:192.168.65.2"
- "console.hbtdev.org:192.168.65.2"
- "client.hbtdev.org:192.168.65.2"

privileged: true

environment:

- DBUS_SYSTEM_BUS_ADDRESS=\${DBUS_SYSTEM_BUS_ADDRESS}
- PUPPETEER_EXECUTABLE_PATH=\${PUPPETEER_EXECUTABLE_PATH}
- BROWSERSHOT_CHROMIUM_HOST=172.22.0.100

depends_on:

- chromium

node:

build:

context: "../images/node-16"

dockerfile: Dockerfile

image: hbt/node:16

networks:

- hbt-gateway

volumes:

- \${APP_CODE_PATH_HOST}:/var/www

- ~/.ssh:/root/.ssh:ro

- "~/.ssh:/home/www-data/.ssh:ro"

working_dir: /var/www

chromium:

image: zenika/alpine-chrome

command:

[

chromium-browser,

"--headless",

"--disable-gpu",

"--remote-debugging-address=0.0.0.0",

"--remote-debugging-port=9222",

]

cap_add:

- SYS_ADMIN

volumes:

- tmpfiles:/tmp

ports:

- "9222:9222"

networks:

hbt-gateway:

ipv4_address: 172.22.0.100

extra_hosts:

- "console.hbtdev.org:192.168.107.1"

- "client.hbtdev.org:192.168.107.1"

networks:

docker:

```
external: true
hbt-gateway:
  driver: bridge
  ipam:
    driver: default
    config:
      - subnet: "172.22.0.0/24"

volumes:
  tmpfiles:
    driver: local
```

Rendering pdf style css

```
<link type="text/css" media="all" rel="stylesheet" href="{{
URL::asset('css/pdf.css') }}" />
<link type="text/css" media="all" rel="stylesheet" href="{{
URL::asset('css/tailwind.css') }}" />
```

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