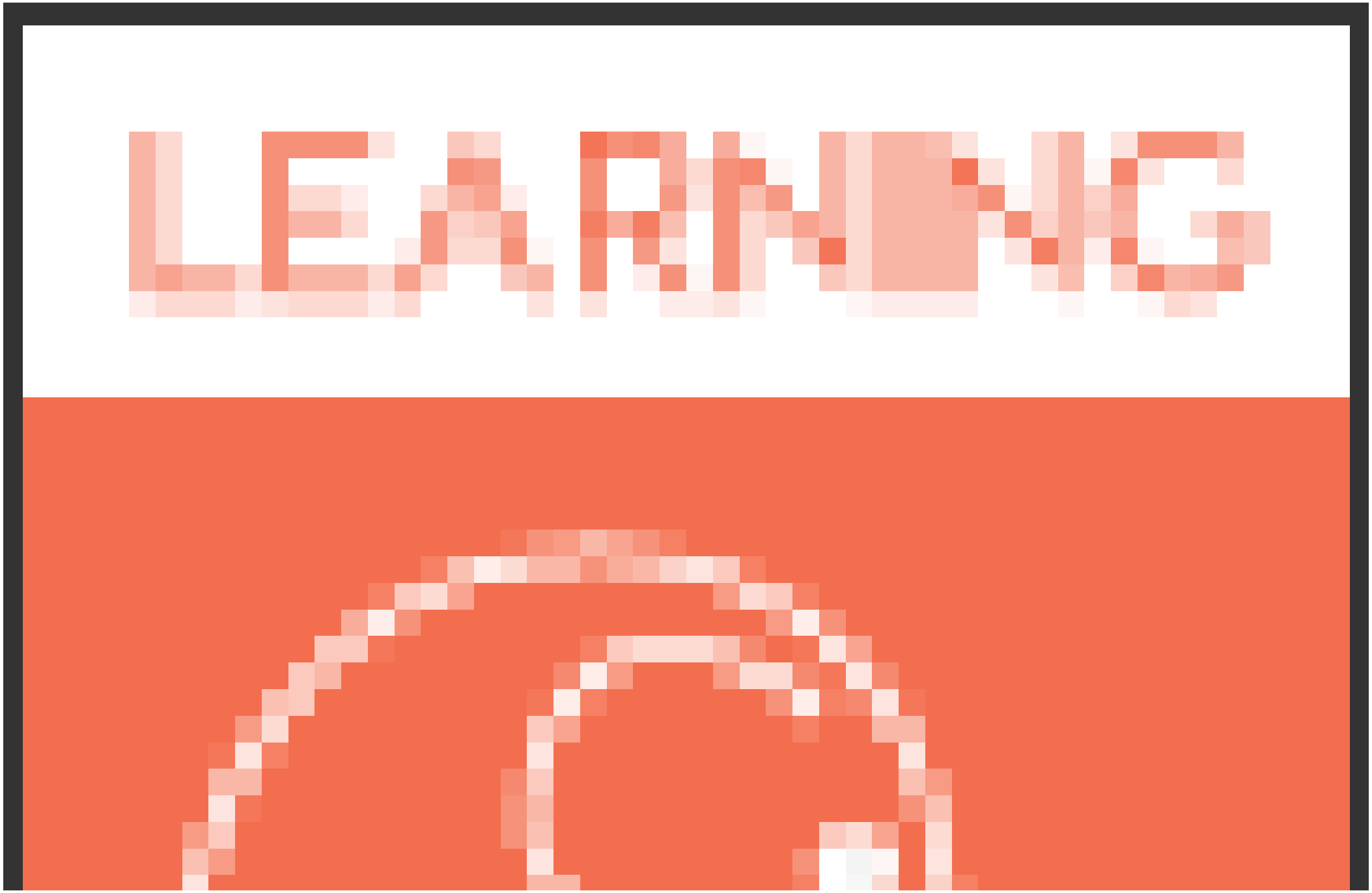
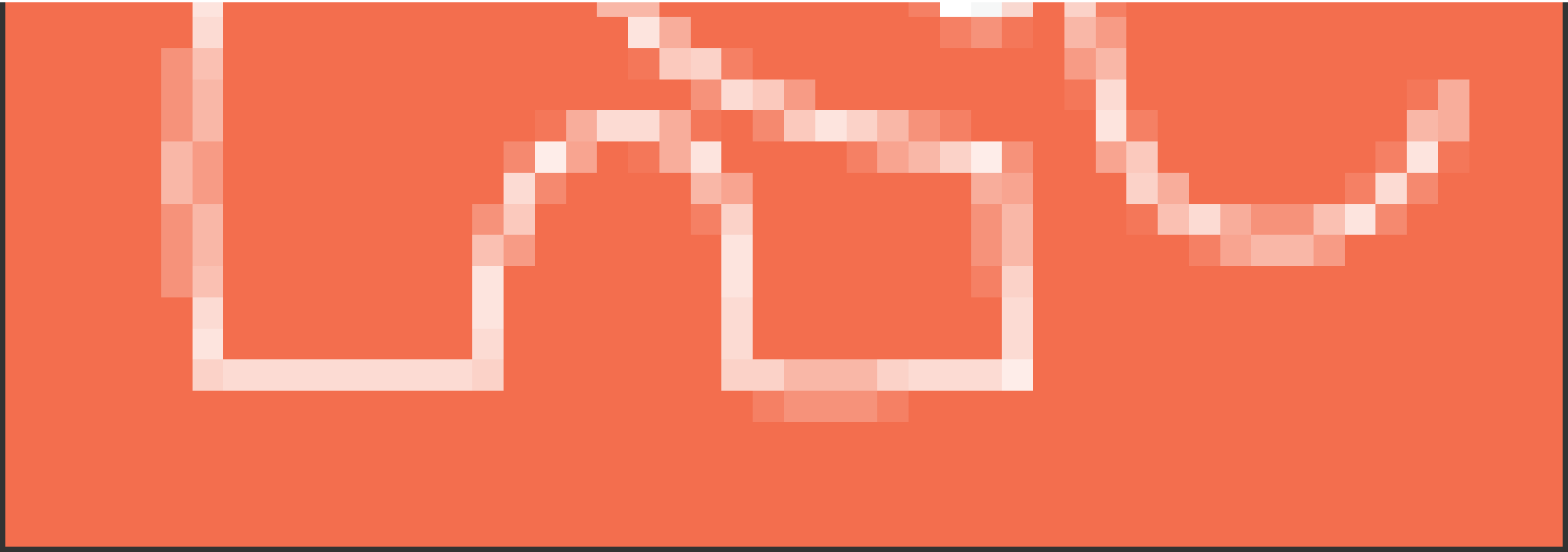


Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD



Laravel 5 Cheat Sheet

Check All

Artisan Auth Blade Cache Composer Config Container Cookie DB Environment Event File Form HTML Helper Input Lang Log Mail
Model Pagination Queue Redirect Request Response Route SSH Schema Security Session String URL UnitTest Validation View

Learning Laravel
Laravel 5.1 Docs
by The EST Group

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

Artisan

```
// Added in 5.1.11:http://laravel.com/docs/5.1/authorization#creating-policies
php artisan make:policy PostPolicy
// Displays help for a given command
php artisan --help OR -h
// Do not output any message
php artisan --quiet OR -q
// Display this application version
php artisan --version OR -V
// Do not ask any interactive question
php artisan --no-interaction OR -n
// Force ANSI output
php artisan --ansi
// Disable ANSI output
php artisan --no-ansi
// The environment the command should run under
php artisan --env
// -v|vv|vvv Increase the verbosity of messages: 1 for normal output, 2 for more verbose output and 3 for debug
php artisan --verbose
// Remove the compiled class file
php artisan clear-compiled
// Display the current framework environment
php artisan env
// Displays help for a command
php artisan help
// Lists commands
php artisan list
// Interact with your application
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```
php artisan tinker
// Put the application into maintenance mode
php artisan down
// Bring the application out of maintenance mode
php artisan up
// Optimize the framework for better performance
// --force    Force the compiled class file to be written.
// --psr      Do not optimize Composer dump-autoload.
php artisan optimize [--force] [--psr]
// Serve the application on the PHP development server
php artisan serve
// Change the default port
php artisan serve --port 8080
// Get it to work outside localhost
php artisan serve --host 0.0.0.0
// Set the application namespace
php artisan app:name namespace
// Flush expired password reset tokens
php artisan auth:clear-resets
// Flush the application cache
php artisan cache:clear
// Create a migration for the cache database table
php artisan cache:table
// Create a cache file for faster configuration loading
php artisan config:cache
// Remove the configuration cache file
php artisan config:clear
// In program
$exitCode = Artisan::call('config:cache');
// Seed the database with records
// --class      The class name of the root seeder (default: "DatabaseSeeder")
// --database   The database connection to seed
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```
// --force      Force the operation to run when in production.
php artisan db:seed [--class[="..."]] [--database[="..."]] [--force]

// Generate the missing events and handlers based on registration
php artisan event:generate

// Create a new command handler class
// --command      The command class the handler handles.
php artisan handler:command [--command="..."] name
// Create a new event handler class
// --event        The event class the handler handles.
// --queued       Indicates the event handler should be queued.
php artisan handler:event [--event="..."] [--queued] name

// Set the application key
php artisan key:generate

// By default, this creates a self-handling command that isn't pushed to the queue.
// Pass this the --handler flag to generate a handler, and the --queued flag to make it queued.
php artisan make:command [--handler] [--queued] name
// Create a new Artisan command
//  --command     The terminal command that should be assigned. (default: "command:name")
make:console [--command[="..."]] name
// Create a new resourceful controller
// --plain      Generate an empty controller class.
php artisan make:controller [--plain] name
php artisan make:controller App\\Admin\\Http\\Controllers\\DashboardController
// Create a new event class
php artisan make:event name
// Create a new middleware class
php artisan make:middleware name
// Create a new migration file
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```
// --create     The table to be created.
// --table      The table to migrate.
php artisan make:migration [--create["..."]] [--table["..."]] name
// Create a new Eloquent model class
php artisan make:model name
// Create a new service provider class
php artisan make:provider name
// Create a new form request class
php artisan make:request name
// Database migrations
// --database   The database connection to use.
// --force      Force the operation to run when in production.
// --path       The path of migrations files to be executed.
// --pretend    Dump the SQL queries that would be run.
// --seed       Indicates if the seed task should be re-run.
php artisan migrate [--database["..."]] [--force] [--path["..."]] [--pretend] [--seed]
// Create the migration repository
php artisan migrate:install [--database["..."]]
// Create a new migration file
// --seeder     The class name of the root seeder.
php artisan migrate:refresh [--database["..."]] [--force] [--seed] [--seeder["..."]]
// Rollback all database migrations
// --pretend    Dump the SQL queries that would be run.
php artisan migrate:reset [--database["..."]] [--force] [--pretend]
// Rollback the last database migration
php artisan migrate:rollback [--database["..."]] [--force] [--pretend]
// Show a list of migrations up/down
php artisan migrate:status
// Create a migration for the queue jobs database table
php artisan queue:table
// Listen to a given queue
// --queue      The queue to listen on
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```
// --delay      Amount of time to delay failed jobs (default: 0)
// --memory     The memory limit in megabytes (default: 128)
// --timeout    Seconds a job may run before timing out (default: 60)
// --sleep      Seconds to wait before checking queue for jobs (default: 3)
// --tries      Number of times to attempt a job before logging it failed (default: 0)
php artisan queue:listen [--queue["..."]] [--delay["..."]] [--memory["..."]] [--timeout["..."]] [--
sleep["..."]] [--tries["..."]] [connection]
// List all of the failed queue jobs
php artisan queue:failed
// Create a migration for the failed queue jobs database table
php artisan queue:failed-table
// Flush all of the failed queue jobs
php artisan queue:flush
// Delete a failed queue job
php artisan queue:forget
// Restart queue worker daemons after their current job
php artisan queue:restart
// Retry a failed queue job(id: The ID of the failed job)
php artisan queue:retry id
// Subscribe a URL to an Iron.io push queue
// queue: The name of Iron.io queue.
// url: The URL to be subscribed.
// --type       The push type for the queue.
php artisan queue:subscribe [--type["..."]] queue url
// Process the next job on a queue
// --queue      The queue to listen on
// --daemon     Run the worker in daemon mode
// --delay      Amount of time to delay failed jobs (default: 0)
// --force      Force the worker to run even in maintenance mode
// --memory     The memory limit in megabytes (default: 128)
// --sleep      Number of seconds to sleep when no job is available (default: 3)
// --tries      Number of times to attempt a job before logging it failed (default: 0)
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```
php artisan queue:work [--queue[="..."]] [--daemon] [--delay[="..."]] [--force] [--memory[="..."]] [--
sleep[="..."]] [--tries[="..."]] [connection]

// Create a route cache file for faster route registration
php artisan route:cache
// Remove the route cache file
php artisan route:clear
// List all registered routes
php artisan route:list

// Run the scheduled commands
php artisan schedule:run

// Create a migration for the session database table
php artisan session:table

// Publish any publishable assets from vendor packages
// --force        Overwrite any existing files.
// --provider     The service provider that has assets you want to publish.
// --tag          The tag that has assets you want to publish.
php artisan vendor:publish [--force] [--provider[="..."]] [--tag[="..."]]
php artisan tail [--path[="..."]] [--lines[="..."]] [connection]
```

Composer

```
composer create-project laravel/laravel folder_name
composer install
composer update
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```
composer dump-autoload [--optimize]
composer self-update
composer require [options] [--] [vender/packages]...
```

Config

```
Config::get('app.timezone');
//get with Default value
Config::get('app.timezone', 'UTC');
//set Configuration
Config::set('database.default', 'sqlite');
```

Route

```
Route::get('foo', function(){});
Route::get('foo', 'ControllerName@function');
Route::controller('foo', 'FooController');
```

RESTful Controllers

```
Route::resource('posts','PostsController');
//Specify a subset of actions to handle on the route
Route::resource('photo', 'PhotoController',['only' => ['index', 'show']]);
Route::resource('photo', 'PhotoController',['except' => ['update', 'destroy']]);
```

Triggering Errors

```
App::abort(404);
$handler->missing(...) in ErrorServiceProvider::boot();
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```
throw new NotFoundHttpException;
```

Route Parameters

```
Route::get('foo/{bar}', function($bar){});
Route::get('foo/{bar?}', function($bar = 'bar'){});
```

HTTP Verbs

```
Route::any('foo', function(){});
Route::post('foo', function(){});
Route::put('foo', function(){});
Route::patch('foo', function(){});
Route::delete('foo', function(){});
// RESTful actions
Route::resource('foo', 'FooController');
// Registering A Route For Multiple Verbs
Route::match(['get', 'post'], '/', function(){});
```

Secure Routes(TBD)

```
Route::get('foo', array('https', function(){}));
```

Route Constraints

```
Route::get('foo/{bar}', function($bar){})
->where('bar', '[0-9]+');
Route::get('foo/{bar}/{baz}', function($bar, $baz){})
->where(array('bar' => '[0-9]+', 'baz' => '[A-Za-z]'))


// Set a pattern to be used across routes
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```
Route::pattern('bar', '[0-9]+')
```

HTTP Middleware

```
// Assigning Middleware To Routes
Route::get('admin/profile', ['middleware' => 'auth', function(){}]);
```

Named Routes

```
Route::currentRouteName();
Route::get('foo/bar', array('as' => 'foobar', function(){}));
Route::get('user/profile', [
  'as' => 'profile', 'uses' => 'UserController@showProfile'
]);
$url = route('profile');
$redirect = redirect()->route('profile');
```

Route Prefixing

```
Route::group(['prefix' => 'admin'], function()
{
  Route::get('users', function(){
      return 'Matches The "/admin/users" URL';
  });
});
```

Route Namespacing

```
// This route group will carry the namespace 'Foo\Bar'
Route::group(array('namespace' => 'Foo\Bar'), function(){})
```

Sub-Domain Routing

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```
// {sub} will be passed to the closure
Route::group(array('domain' => '{sub}.example.com'), function(){});
```

Environment

```
$environment = app()->environment();
$environment = App::environment();
$environment = $app->environment();
// The environment is local
if ($app->environment('local')){}
// The environment is either local OR staging...
if ($app->environment('local', 'staging')){}
```

Log

```
// The logger provides the seven logging levels defined in RFC 5424:
// debug, info, notice, warning, error, critical, and alert.
Log::info('info');
Log::info('info',array('context'=>'additional info'));
Log::error('error');
Log::warning('warning');
// get monolog instance
Log::getMonolog();
// add listener
Log::listen(function($level, $message, $context) {});
```

Query Logging

```
// enable the log
DB::connection()->enableQueryLog();
// get an array of the executed queries
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```
DB::getQueryLog();
```

URL

```
URL::full();
URL::current();
URL::previous();
URL::to('foo/bar', $parameters, $secure);
URL::action('NewsController@item', ['id'=>123]);
// need be in appropriate namespace
URL::action('Auth\AuthController@logout');
URL::action('FooController@method', $parameters, $absolute);
URL::route('foo', $parameters, $absolute);
URL::secure('foo/bar', $parameters);
URL::asset('css/foo.css', $secure);
URL::secureAsset('css/foo.css');
URL::isValidUrl('http://example.com');
URL::getRequest();
URL::setRequest($request);
```

Event

```
Event::fire('foo.bar', array($bar));
// Register an event listener with the dispatcher.
// void listen(string|array $events, mixed $listener, int $priority)
Event::listen('App\Events\UserSignup', function($bar){});
Event::listen('foo.*', function($bar){});
Event::listen('foo.bar', 'FooHandler', 10);
Event::listen('foo.bar', 'BarHandler', 5);
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```php
// Stopping The Propagation Of An Event
// You may do so using by returning false from your handler.
Event::listen('foor.bar', function($event){ return false; });
Event::subscribe('UserEventHandler');
```

DB

Basic Database Usage

```php
DB::connection('connection_name');
// Running A Select Query
$results = DB::select('select * from users where id = ?', [1]);
$results = DB::select('select * from users where id = :id', ['id' => 1]);
// Running A General Statement
DB::statement('drop table users');
// Listening For Query Events
DB::listen(function($sql, $bindings, $time){ code_here; });
// Database Transactions
DB::transaction(function()
{
  DB::table('users')->update(['votes' => 1]);
  DB::table('posts')->delete();
});
DB::beginTransaction();
DB::rollback();
DB::commit();
```

Query Builder

```php
// Retrieving All Rows From A Table
DB::table('name')->get();
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```php
// Chunking Results From A Table
DB::table('users')->chunk(100, function($users)
{
  foreach ($users as $user)
  {

//
}
});
// Retrieving A Single Row From A Table
$user = DB::table('users')->where('name', 'John')->first();
DB::table('name')->first();
// Retrieving A Single Column From A Row
$name = DB::table('users')->where('name', 'John')->pluck('name');
DB::table('name')->pluck('column');
// Retrieving A List Of Column Values
$roles = DB::table('roles')->lists('title');
$roles = DB::table('roles')->lists('title', 'name');
// Specifying A Select Clause
$users = DB::table('users')->select('name', 'email')->get();
$users = DB::table('users')->distinct()->get();
$users = DB::table('users')->select('name as user_name')->get();
// Adding A Select Clause To An Existing Query
$query = DB::table('users')->select('name');
$users = $query->addSelect('age')->get();
// Using Where Operators
$users = DB::table('users')->where('votes', '>', 100)->get();
$users = DB::table('users')
              ->where('votes', '>', 100)
              ->orWhere('name', 'John')
              ->get();
$users = DB::table('users')
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```
                ->whereBetween('votes', [1, 100])->get();
$users = DB::table('users')
                ->whereNotBetween('votes', [1, 100])->get();
$users = DB::table('users')
                ->whereIn('id', [1, 2, 3])->get();
$users = DB::table('users')
                ->whereNotIn('id', [1, 2, 3])->get();
$users = DB::table('users')
                ->whereNull('updated_at')->get();
DB::table('name')->whereNotNull('column')->get();
// Dynamic Where Clauses
$admin = DB::table('users')->whereId(1)->first();
$john = DB::table('users')
                ->whereIdAndEmail(2, 'john@doe.com')
                ->first();
$jane = DB::table('users')
                ->whereNameOrAge('Jane', 22)
                ->first();
// Order By, Group By, And Having
$users = DB::table('users')
                ->orderBy('name', 'desc')
                ->groupBy('count')
                ->having('count', '>', 100)
                ->get();
DB::table('name')->orderBy('column')->get();
DB::table('name')->orderBy('column','desc')->get();
DB::table('name')->having('count', '>', 100)->get();
// Offset & Limit
$users = DB::table('users')->skip(10)->take(5)->get();
```

Joins

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```php
// Basic Join Statement
DB::table('users')
          ->join('contacts', 'users.id', '=', 'contacts.user_id')
          ->join('orders', 'users.id', '=', 'orders.user_id')
          ->select('users.id', 'contacts.phone', 'orders.price')
          ->get();
// Left Join Statement
DB::table('users')
      ->leftJoin('posts', 'users.id', '=', 'posts.user_id')
      ->get();
// select * from users where name = 'John' or (votes > 100 and title <> 'Admin')
DB::table('users')
          ->where('name', '=', 'John')
          ->orWhere(function($query)
          {
              $query->where('votes', '>', 100)
                    ->where('title', '<>', 'Admin');
          })
          ->get();
```

Aggregates

```php
$users = DB::table('users')->count();
$price = DB::table('orders')->max('price');
$price = DB::table('orders')->min('price');
$price = DB::table('orders')->avg('price');
$total = DB::table('users')->sum('votes');

DB::table('name')->remember(5)->get();
DB::table('name')->remember(5, 'cache-key-name')->get();
DB::table('name')->cacheTags('my-key')->remember(5)->get();
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```php
DB::table('name')->cacheTags(array('my-first-key','my-second-key'))->remember(5)->get();
```

Raw Expressions

```php
$users = DB::table('users')
                    ->select(DB::raw('count(*) as user_count, status'))
                    ->where('status', '<>', 1)
                    ->groupBy('status')
                    ->get();
// return rows
DB::select('select * from users where id = ?', array('value'));
// return nr affected rows
DB::insert('insert into foo set bar=2');
DB::update('update foo set bar=2');
DB::delete('delete from bar');
// returns void
DB::statement('update foo set bar=2');
// raw expression inside a statement
DB::table('name')->select(DB::raw('count(*) as count, column2'))->get();
```

Inserts / Updates / Deletes / Unions / Pessimistic Locking

```php
// Inserts
DB::table('users')->insert(
  ['email' => 'john@example.com', 'votes' => 0]
);
$id = DB::table('users')->insertGetId(
  ['email' => 'john@example.com', 'votes' => 0]
);
DB::table('users')->insert([
  ['email' => 'taylor@example.com', 'votes' => 0],
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```
  ['email' => 'dayle@example.com', 'votes' => 0]
]);
// Updates
DB::table('users')
          ->where('id', 1)
          ->update(['votes' => 1]);
DB::table('users')->increment('votes');
DB::table('users')->increment('votes', 5);
DB::table('users')->decrement('votes');
DB::table('users')->decrement('votes', 5);
DB::table('users')->increment('votes', 1, ['name' => 'John']);
// Deletes
DB::table('users')->where('votes', '<', 100)->delete();
DB::table('users')->delete();
DB::table('users')->truncate();
// Unions
// The unionAll() method is also available, and has the same method signature as union.
$first = DB::table('users')->whereNull('first_name');
$users = DB::table('users')->whereNull('last_name')->union($first)->get();
// Pessimistic Locking
DB::table('users')->where('votes', '>', 100)->sharedLock()->get();
DB::table('users')->where('votes', '>', 100)->lockForUpdate()->get();
```

Model

Basic Usage

```
// Defining An Eloquent Model
class User extends Model {}
// generate Eloquent models
php artisan make:model User
// specify a custom table name
class User extends Model {
  protected $table = 'my_users';
}
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

More

```
Model::create(array('key' => 'value'));
// Find first matching record by attributes or create
Model::firstOrCreate(array('key' => 'value'));
// Find first record by attributes or instantiate
Model::firstOrNew(array('key' => 'value'));
// Create or update a record matching attibutes, and fill with values
Model::updateOrCreate(array('search_key' => 'search_value'), array('key' => 'value'));
// Fill a model with an array of attributes, beware of mass assignment!
Model::fill($attributes);
Model::destroy(1);
Model::all();
Model::find(1);
// Find using dual primary key
Model::find(array('first', 'last'));
// Throw an exception if the lookup fails
Model::findOrFail(1);
// Find using dual primary key and throw exception if the lookup fails
Model::findOrFail(array('first', 'last'));
Model::where('foo', '=', 'bar')->get();
Model::where('foo', '=', 'bar')->first();
// dynamic
Model::whereFoo('bar')->first();
// Throw an exception if the lookup fails
Model::where('foo', '=', 'bar')->firstOrFail();
Model::where('foo', '=', 'bar')->count();
Model::where('foo', '=', 'bar')->delete();
//Output raw query
Model::where('foo', '=', 'bar')->toSql();
Model::whereRaw('foo = bar and cars = 2', array(20))->get();
Model::remember(5)->get();
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```php
Model::remember(5, 'cache-key-name')->get();
Model::cacheTags('my-tag')->remember(5)->get();
Model::cacheTags(array('my-first-key','my-second-key'))->remember(5)->get();
Model::on('connection-name')->find(1);
Model::with('relation')->get();
Model::all()->take(10);
Model::all()->skip(10);
// Default Eloquent sort is ascendant
Model::all()->orderBy('column');
Model::all()->orderBy('column','desc');
```

Soft Delete

```php
Model::withTrashed()->where('cars', 2)->get();
// Include the soft deleted models in the results
Model::withTrashed()->where('cars', 2)->restore();
Model::where('cars', 2)->forceDelete();
// Force the result set to only included soft deletes
Model::onlyTrashed()->where('cars', 2)->get();
```

Events

```php
Model::creating(function($model){});
Model::created(function($model){});
Model::updating(function($model){});
Model::updated(function($model){});
Model::saving(function($model){});
Model::saved(function($model){});
Model::deleting(function($model){});
Model::deleted(function($model){});
Model::observe(new FooObserver);
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

Eloquent Configuration

```
// Disables mass assignment exceptions from being thrown from model inserts and updates
Eloquent::unguard();
// Renables any ability to throw mass assignment exceptions
Eloquent::reguard();
```

Pagination

```
// Auto-Magic Pagination
Model::paginate(15);
Model::where('cars', 2)->paginate(15);
// "Next" and "Previous" only
Model::where('cars', 2)->simplePaginate(15);
// Manual Paginator
Paginator::make($items, $totalItems, $perPage);
// Print page navigators in view
$variable->links();
```

Lang

```
App::setLocale('en');
Lang::get('messages.welcome');
Lang::get('messages.welcome', array('foo' => 'Bar'));
Lang::has('messages.welcome');
Lang::choice('messages.apples', 10);
// Lang::get alias
trans('messages.welcome');
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

File

```php
File::exists('path');
File::get('path');
File::getRemote('path');
// Get a file's contents by requiring it
File::getRequire('path');
// Require the given file once
File::requireOnce('path');
// Write the contents of a file
File::put('path', 'contents');
// Append to a file
File::append('path', 'data');
// Delete the file at a given path
File::delete('path');
// Move a file to a new location
File::move('path', 'target');
// Copy a file to a new location
File::copy('path', 'target');
// Extract the file extension from a file path
File::extension('path');
// Get the file type of a given file
File::type('path');
// Get the file size of a given file
File::size('path');
// Get the file's last modification time
File::lastModified('path');
// Determine if the given path is a directory
File::isDirectory('directory');
// Determine if the given path is writable
File::isWritable('path');
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```php
// Determine if the given path is a file
File::isFile('file');
// Find path names matching a given pattern.
File::glob($patterns, $flag);
// Get an array of all files in a directory.
File::files('directory');
// Get all of the files from the given directory (recursive).
File::allFiles('directory');
// Get all of the directories within a given directory.
File::directories('directory');
// Create a directory
File::makeDirectory('path',  $mode = 0777, $recursive = false);
// Copy a directory from one location to another
File::copyDirectory('directory', 'destination', $options = null);
// Recursively delete a directory
File::deleteDirectory('directory', $preserve = false);
// Empty the specified directory of all files and folders
File::cleanDirectory('directory');
```

UnitTest

Install and run

```
// add to composer and update:
"phpunit/phpunit": "4.0.*"
// run tests (from project root)
./vendor/bin/phpunit
```

Asserts

```php
$this->assertTrue(true);
$this->assertEquals('foo', $bar);
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```
$this->assertCount(1,$times);
$this->assertResponseOk();
$this->assertResponseStatus(403);
$this->assertRedirectedTo('foo');
$this->assertRedirectedToRoute('route.name');
$this->assertRedirectedToAction('Controller@method');
$this->assertViewHas('name');
$this->assertViewHas('age', $value);
$this->assertSessionHasErrors();
// Asserting the session has errors for a given key...
$this->assertSessionHasErrors('name');
// Asserting the session has errors for several keys...
$this->assertSessionHasErrors(array('name', 'age'));
$this->assertHasOldInput();
```

Calling routes

```
$response = $this->call($method, $uri, $parameters, $files, $server, $content);
$response = $this->callSecure('GET', 'foo/bar');
$this->session(['foo' => 'bar']);
$this->flushSession();
$this->seed();
$this->seed($connection);
```

SSH

Executing Commands

```
SSH::run(array $commands);
SSH::into($remote)->run(array $commands);
// specify remote, otherwise assumes default
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```php
SSH::run(array $commands, function($line)
{
  echo $line.PHP_EOL;
});
```

Tasks

```php
// define
SSH::define($taskName, array $commands);
// execute
SSH::task($taskName, function($line)
{
  echo $line.PHP_EOL;
});
```

SFTP Uploads

```php
SSH::put($localFile, $remotePath);
SSH::putString($string, $remotePath);
```

Schema

```php
// Indicate that the table needs to be created
Schema::create('table', function($table)
{
  $table->increments('id');
});
// Specify a Connection
Schema::connection('foo')->create('table', function($table){});
// Rename the table to a given name
Schema::rename($from, $to);
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```php
// Indicate that the table should be dropped
Schema::drop('table');
// Indicate that the table should be dropped if it exists
Schema::dropIfExists('table');
// Determine if the given table exists
Schema::hasTable('table');
// Determine if the given table has a given column
Schema::hasColumn('table', 'column');
// Update an existing table
Schema::table('table', function($table){});
// Indicate that the given columns should be renamed
$table->renameColumn('from', 'to');
// Indicate that the given columns should be dropped
$table->dropColumn(string|array);
// The storage engine that should be used for the table
$table->engine = 'InnoDB';
// Only work on MySQL
$table->string('name')->after('email');
```

Indexes

```php
$table->string('column')->unique();
$table->primary('column');
// Creates a dual primary key
$table->primary(array('first', 'last'));
$table->unique('column');
$table->unique('column', 'key_name');
// Creates a dual unique index
$table->unique(array('first', 'last'));
$table->unique(array('first', 'last'), 'key_name');
$table->index('column');
$table->index('column', 'key_name');
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```php
// Creates a dual index
$table->index(array('first', 'last'));
$table->index(array('first', 'last'), 'key_name');
$table->dropPrimary('table_column_primary');
$table->dropUnique('table_column_unique');
$table->dropIndex('table_column_index');
```

Foreign Keys

```php
$table->foreign('user_id')->references('id')->on('users');
$table->foreign('user_id')->references('id')->on('users')->onDelete('cascade'|'restrict'|'set null'|'no action');
$table->foreign('user_id')->references('id')->on('users')->onUpdate('cascade'|'restrict'|'set null'|'no action');
$table->dropForeign('posts_user_id_foreign');
```

Column Types

```php
// Increments
$table->increments('id');
$table->bigIncrements('id');

// Numbers
$table->integer('votes');
$table->tinyInteger('votes');
$table->smallInteger('votes');
$table->mediumInteger('votes');
$table->bigInteger('votes');
$table->float('amount');
$table->double('column', 15, 8);
$table->decimal('amount', 5, 2);
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```php
//String and Text
$table->char('name', 4);
$table->string('email');
$table->string('name', 100);
$table->text('description');
$table->mediumText('description');
$table->longText('description');

//Date and Time
$table->date('created_at');
$table->dateTime('created_at');
$table->time('sunrise');
$table->timestamp('added_on');
// Adds created_at and updated_at columns
$table->timestamps();
$table->nullableTimestamps();

// Others
$table->binary('data');
$table->boolean('confirmed');
// Adds deleted_at column for soft deletes
$table->softDeletes();
$table->enum('choices', array('foo', 'bar'));
// Adds remember_token as VARCHAR(100) NULL
$table->rememberToken();
// Adds INTEGER parent_id and STRING parent_type
$table->morphs('parent');
->nullable()
->default($value)
->unsigned()
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

Input

```
Input::get('key');
// Default if the key is missing
Input::get('key', 'default');
Input::has('key');
Input::all();
// Only retrieve 'foo' and 'bar' when getting input
Input::only('foo', 'bar');
// Disregard 'foo' when getting input
Input::except('foo');
Input::flush();
```

Session Input (flash)

```
// Flash input to the session
Input::flash();
// Flash only some of the input to the session
Input::flashOnly('foo', 'bar');
// Flash only some of the input to the session
Input::flashExcept('foo', 'baz');
// Retrieve an old input item
Input::old('key','default_value');
```

Files

```
// Use a file that's been uploaded
Input::file('filename');
// Determine if a file was uploaded
Input::hasFile('filename');
// Access file properties
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```php
Input::file('name')->getRealPath();
Input::file('name')->getClientOriginalName();
Input::file('name')->getClientOriginalExtension();
Input::file('name')->getSize();
Input::file('name')->getMimeType();
// Move an uploaded file
Input::file('name')->move($destinationPath);
// Move an uploaded file
Input::file('name')->move($destinationPath, $fileName);
```

Cache

```php
Cache::put('key', 'value', $minutes);
Cache::add('key', 'value', $minutes);
Cache::forever('key', 'value');
Cache::remember('key', $minutes, function(){ return 'value' });
Cache::rememberForever('key', function(){ return 'value' });
Cache::forget('key');
Cache::has('key');
Cache::get('key');
Cache::get('key', 'default');
Cache::get('key', function(){ return 'default'; });
Cache::tags('my-tag')->put('key','value', $minutes);
Cache::tags('my-tag')->has('key');
Cache::tags('my-tag')->get('key');
Cache::tags('my-tag')->forget('key');
Cache::tags('my-tag')->flush();
Cache::increment('key');
Cache::increment('key', $amount);
Cache::decrement('key');
Cache::decrement('key', $amount);
Cache::section('group')->put('key', $value);
Cache::section('group')->get('key');
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```
Cache::section('group')->flush();
```

Cookie

```
Cookie::get('key');
Cookie::get('key', 'default');
// Create a cookie that lasts for ever
Cookie::forever('key', 'value');
// Create a cookie that lasts N minutes
Cookie::make('key', 'value', 'minutes');
// Set a cookie before a response has been created
Cookie::queue('key', 'value', 'minutes');
// Forget cookie
Cookie::forget('key');
// Send a cookie with a response
$response = Response::make('Hello World');
// Add a cookie to the response
$response->withCookie(Cookie::make('name', 'value', $minutes));
```

Session

```
Session::get('key');
// Returns an item from the session
Session::get('key', 'default');
Session::get('key', function(){ return 'default'; });
// Get the session ID
Session::getId();
// Put a key / value pair in the session
Session::put('key', 'value');
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```php
// Push a value into an array in the session
Session::push('foo.bar','value');
// Returns all items from the session
Session::all();
// Checks if an item is defined
Session::has('key');
// Remove an item from the session
Session::forget('key');
// Remove all of the items from the session
Session::flush();
// Generate a new session identifier
Session::regenerate();
// Flash a key / value pair to the session
Session::flash('key', 'value');
// Reflash all of the session flash data
Session::reflash();
// Reflash a subset of the current flash data
Session::keep(array('key1', 'key2'));
```

Request

```php
// url: http://xx.com/aa/bb
Request::url();
// path: /aa/bb
Request::path();
// getRequestUri: /aa/bb/?c=d
Request::getRequestUri();
// Returns user's IP
Request::getClientIp();
// getUri: http://xx.com/aa/bb/?c=d
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```php
Request::getUri();
// getQueryString: c=d
Request::getQueryString();
// Get the port scheme of the request (e.g., 80, 443, etc.)
Request::getPort();
// Determine if the current request URI matches a pattern
Request::is('foo/*');
// Get a segment from the URI (1 based index)
Request::segment(1);
// Retrieve a header from the request
Request::header('Content-Type');
// Retrieve a server variable from the request
Request::server('PATH_INFO');
// Determine if the request is the result of an AJAX call
Request::ajax();
// Determine if the request is over HTTPS
Request::secure();
// Get the request method
Request::method();
// Checks if the request method is of specified type
Request::isMethod('post');
// Get raw POST data
Request::instance()->getContent();
// Get requested response format
Request::format();
// true if HTTP Content-Type header contains */json
Request::isJson();
// true if HTTP Accept header is application/json
Request::wantsJson();
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

Response

```php
return Response::make($contents);
return Response::make($contents, 200);
return Response::json(array('key' => 'value'));
return Response::json(array('key' => 'value'))
->setCallback(Input::get('callback'));
return Response::download($filepath);
return Response::download($filepath, $filename, $headers);
// Create a response and modify a header value
$response = Response::make($contents, 200);
$response->header('Content-Type', 'application/json');
return $response;
// Attach a cookie to a response
return Response::make($content)
->withCookie(Cookie::make('key', 'value'));
```

Redirect

```php
return Redirect::to('foo/bar');
return Redirect::to('foo/bar')->with('key', 'value');
return Redirect::to('foo/bar')->withInput(Input::get());
return Redirect::to('foo/bar')->withInput(Input::except('password'));
return Redirect::to('foo/bar')->withErrors($validator);
// Create a new redirect response to the previous location
return Redirect::back();
// Create a new redirect response to a named route
return Redirect::route('foobar');
return Redirect::route('foobar', array('value'));
return Redirect::route('foobar', array('key' => 'value'));
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```
// Create a new redirect response to a controller action
return Redirect::action('FooController@index');
return Redirect::action('FooController@baz', array('value'));
return Redirect::action('FooController@baz', array('key' => 'value'));
// If intended redirect is not defined, defaults to foo/bar.
return Redirect::intended('foo/bar');
```

Container

```
App::bind('foo', function($app){ return new Foo; });
App::make('foo');
// If this class exists, it's returned
App::make('FooBar');
// Register a shared binding in the container
App::singleton('foo', function(){ return new Foo; });
// Register an existing instance as shared in the container
App::instance('foo', new Foo);
// Register a binding with the container
App::bind('FooRepositoryInterface', 'BarRepository');
// Register a service provider with the application
App::register('FooServiceProvider');
// Listen for object resolution
App::resolving(function($object){});
```

Security

Hashing

```
Hash::make('secretpassword');
Hash::check('secretpassword', $hashedPassword);
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```
Hash::needsRehash($hashedPassword);
```

Encryption

```
Crypt::encrypt('secretstring');
Crypt::decrypt($encryptedString);
Crypt::setMode('ctr');
Crypt::setCipher($cipher);
```

Auth

Authentication

```
// Determine if the current user is authenticated
Auth::check();
// Get the currently authenticated user
Auth::user();
// Get the ID of the currently authenticated user
Auth::id();
// Attempt to authenticate a user using the given credentials
Auth::attempt(array('email' => $email, 'password' => $password));
// 'Remember me' by passing true to Auth::attempt()
Auth::attempt($credentials, true);
// Log in for a single request
Auth::once($credentials);
// Log a user into the application
Auth::login(User::find(1));
// Log the given user ID into the application
Auth::loginUsingId(1);
// Log the user out of the application
Auth::logout();
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```php
// Validate a user's credentials
Auth::validate($credentials);
// Attempt to authenticate using HTTP Basic Auth
Auth::basic('username');
// Perform a stateless HTTP Basic login attempt
Auth::onceBasic();
// Send a password reminder to a user
Password::remind($credentials, function($message, $user){});
```

Authorization

```php
// Define abilities
Gate::define('update-post', 'Class@method');
Gate::define('update-post', function ($user, $post) {...});
// Passing multiple argument
Gate::define('delete-comment', function ($user, $post, $comment) {});

// Check abilities
Gate::denies('update-post', $post);
Gate::allows('update-post', $post);
Gate::check('update-post', $post);
// Specified a user for checking
Gate::forUser($user)->allows('update-post', $post);
// Through User model, using Authorizable trait
User::find(1)->can('update-post', $post);
User::find(1)->cannot('update-post', $post);

// Intercepting Authorization Checks
Gate::before(function ($user, $ability) {});
Gate::after(function ($user, $ability) {});

// Chekcing in Blade template
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```
@can('update-post', $post)
@endcan
// with else
@can('update-post', $post)
@else
@endcan

// Generate a Policy
php artisan make:policy PostPolicy
// `policy` helper function
policy($post)->update($user, $post)

// Controller Authorization
$this->authorize('update', $post);
// for $user
$this->authorizeForUser($user, 'update', $post);
```

Mail

```
Mail::send('email.view', $data, function($message){});
Mail::send(array('html.view', 'text.view'), $data, $callback);
Mail::queue('email.view', $data, function($message){});
Mail::queueOn('queue-name', 'email.view', $data, $callback);
Mail::later(5, 'email.view', $data, function($message){});
// Write all email to logs instead of sending
Mail::pretend();
```

Messages

```
// These can be used on the $message instance passed into Mail::send() or Mail::queue()
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```php
$message->from('email@example.com', 'Mr. Example');
$message->sender('email@example.com', 'Mr. Example');
$message->returnPath('email@example.com');
$message->to('email@example.com', 'Mr. Example');
$message->cc('email@example.com', 'Mr. Example');
$message->bcc('email@example.com', 'Mr. Example');
$message->replyTo('email@example.com', 'Mr. Example');
$message->subject('Welcome to the Jungle');
$message->priority(2);
$message->attach('foo\bar.txt', $options);
// This uses in-memory data as attachments
$message->attachData('bar', 'Data Name', $options);
// Embed a file in the message and get the CID
$message->embed('foo\bar.txt');
$message->embedData('foo', 'Data Name', $options);
// Get the underlying Swift Message instance
$message->getSwiftMessage();
```

Queue

```php
Queue::push('SendMail', array('message' => $message));
Queue::push('SendEmail@send', array('message' => $message));
Queue::push(function($job) use $id {});
// Same payload to multiple workers
Queue::bulk(array('SendEmail', 'NotifyUser'), $payload);
// Starting the queue listener
php artisan queue:listen
php artisan queue:listen connection
php artisan queue:listen --timeout=60
// Process only the first job on the queue
php artisan queue:work
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```
// Start a queue worker in daemon mode
php artisan queue:work --daemon
// Create migration file for failed jobs
php artisan queue:failed-table
// Listing failed jobs
php artisan queue:failed
// Delete failed job by id
php artisan queue:forget 5
// Delete all failed jobs
php artisan queue:flush
```

Validation

```
Validator::make(
array('key' => 'Foo'),
array('key' => 'required|in:Foo')
);
Validator::extend('foo', function($attribute, $value, $params){});
Validator::extend('foo', 'FooValidator@validate');
Validator::resolver(function($translator, $data, $rules, $msgs)
{
return new FooValidator($translator, $data, $rules, $msgs);
});
```

Rules

```
accepted
active_url
after:YYYY-MM-DD
before:YYYY-MM-DD
alpha
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```
alpha_dash
alpha_num
array
between:1,10
confirmed
date
date_format:YYYY-MM-DD
different:fieldname
digits:value
digits_between:min,max
boolean
email
exists:table,column
image
in:foo,bar,...
not_in:foo,bar,...
integer
numeric
ip
max:value
min:value
mimes:jpeg,png
regex:[0-9]
required
required_if:field,value
required_with:foo,bar,...
required_with_all:foo,bar,...
required_without:foo,bar,...
required_without_all:foo,bar,...
same:field
size:value
timezone
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```
unique:table,column,except,idColumn
url
```

View

```
View::make('path/to/view');
View::make('foo/bar')->with('key', 'value');
View::make('foo/bar')->withKey('value');
View::make('foo/bar', array('key' => 'value'));
View::exists('foo/bar');
// Share a value across all views
View::share('key', 'value');
// Nesting views
View::make('foo/bar')->nest('name', 'foo/baz', $data);
// Register a view composer
View::composer('viewname', function($view){});
//Register multiple views to a composer
View::composer(array('view1', 'view2'), function($view){});
// Register a composer class
View::composer('viewname', 'FooComposer');
View::creator('viewname', function($view){});
```

Blade

```
// Show a section in a template
@yield('name')
@extends('layout.name')
// Begin a section
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```
@section('name')
// End a section
@stop
// End a section and yield
@section('sidebar')
@show
@parent

@include('view.name')
@include('view.name', array('key' => 'value'));
@lang('messages.name')
@choice('messages.name', 1);

@if
@else
@elseif
@endif

@unless
@endunless

@for
@endfor

@foreach
@endforeach

@while
@endwhile

//forelse 4.2 feature
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```
@forelse($users as $user)
@empty
@endforelse

// Echo content
{{ $var }}
// Echo escaped content
{{{ $var }}}
// Echo unescaped content; 5.0 feature
{!! $var !!}
{{-- Blade Comment --}}
// Echoing Data After Checking For Existence
{{{ $name or 'Default' }}}
// Displaying Raw Text With Curly Braces
@{{ This will not be processed by Blade }}
```

Form

```
Form::open(array('url' => 'foo/bar', 'method' => 'PUT'));
Form::open(array('route' => 'foo.bar'));
Form::open(array('route' => array('foo.bar', $parameter)));
Form::open(array('action' => 'FooController@method'));
Form::open(array('action' => array('FooController@method', $parameter)));
Form::open(array('url' => 'foo/bar', 'files' => true));
Form::close();
Form::token();
Form::model($foo, array('route' => array('foo.bar', $foo->bar)));
```

Form Elements

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```php
Form::label('id', 'Description');
Form::label('id', 'Description', array('class' => 'foo'));
Form::text('name');
Form::text('name', $value);
Form::text('name', $value, array('class' => 'name'));
Form::textarea('name');
Form::textarea('name', $value);
Form::textarea('name', $value, array('class' => 'name'));
Form::hidden('foo', $value);
Form::password('password');
Form::password('password', array('placeholder' => 'Password'));
Form::email('name', $value, array());
Form::file('name', array('class' => 'name'));
Form::checkbox('name', 'value');
// Generating a checkbox that is checked
Form::checkbox('name', 'value', true, array('class' => 'name'));
Form::radio('name', 'value');
// Generating a radio input that is selected
Form::radio('name', 'value', true, array('class' => 'name'));
Form::select('name', array('key' => 'value'));
Form::select('name', array('key' => 'value'), 'key', array('class' => 'name'));
Form::selectRange('range', 1, 10);
Form::selectYear('year', 2011, 2015);
Form::selectMonth('month');
Form::submit('Submit!', array('class' => 'name'));
Form::button('name', array('class' => 'name'));
Form::macro('fooField', function()
{
return '<input type="custom"/>';
});
Form::fooField();
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

HTML

```
HTML::macro('name', function(){});
// Convert an HTML string to entities
HTML::entities($value);
// Convert entities to HTML characters
HTML::decode($value);
// Generate a link to a JavaScript file
HTML::script($url, $attributes);
// Generate a link to a CSS file
HTML::style($url, $attributes);
// Generate an HTML image element
HTML::image($url, $alt, $attributes);
// Generate a HTML link
HTML::link($url, 'title', $attributes, $secure);
// Generate a HTTPS HTML link
HTML::secureLink($url, 'title', $attributes);
// Generate a HTML link to an asset
HTML::linkAsset($url, 'title', $attributes, $secure);
// Generate a HTTPS HTML link to an asset
HTML::linkSecureAsset($url, 'title', $attributes);
// Generate a HTML link to a named route
HTML::linkRoute($name, 'title', $parameters, $attributes);
// Generate a HTML link to a controller action
HTML::linkAction($action, 'title', $parameters, $attributes);
// Generate a HTML link to an email address
HTML::mailto($email, 'title', $attributes);
// Obfuscate an e-mail address to prevent spam-bots from sniffing it
HTML::email($email);
// Generate an ordered list of items
HTML::ol($list, $attributes);
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```php
// Generate an un-ordered list of items
HTML::ul($list, $attributes);
// Create a listing HTML element
HTML::listing($type, $list, $attributes);
// Create the HTML for a listing element
HTML::listingElement($key, $type, $value);
// Create the HTML for a nested listing attribute
HTML::nestedListing($key, $type, $value);
// Build an HTML attribute string from an array
HTML::attributes($attributes);
// Build a single attribute element
HTML::attributeElement($key, $value);
// Obfuscate a string to prevent spam-bots from sniffing it
HTML::obfuscate($value);
```

String

```php
// Transliterate a UTF-8 value to ASCII
Str::ascii($value)
Str::camel($value)
Str::contains($haystack, $needle)
Str::endsWith($haystack, $needles)
// Cap a string with a single instance of a given value.
Str::finish($value, $cap)
Str::is($pattern, $value)
Str::length($value)
Str::limit($value, $limit = 100, $end = '...')
Str::lower($value)
Str::words($value, $words = 100, $end = '...')
Str::plural($value, $count = 2)
// Generate a more truly "random" alpha-numeric string.
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```
Str::random($length = 16)
// Generate a "random" alpha-numeric string.
Str::quickRandom($length = 16)
Str::upper($value)
Str::title($value)
Str::singular($value)
Str::slug($title, $separator = '-')
Str::snake($value, $delimiter = '_')
Str::startsWith($haystack, $needles)
// Convert a value to studly caps case.
Str::studly($value)
Str::macro($name, $macro)
```

Helper

Arrays

```
// adds a given key / value pair to the array if the
// given key doesn't already exist in the array
array_add($array, 'key', 'value');
// collapse an array of arrays into a single array
array_collapse($array);
// Divide an array into two arrays. One with keys and the other with values
array_divide($array);
// Flatten a multi-dimensional associative array with dots
array_dot($array);
// Get all of the given array except for a specified array of items
array_except($array, array('key'));
// Return the first element in an array passing a given truth test
array_first($array, function($key, $value){}, $default);
// Strips keys from the array
array_flatten($array);
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```php
// Remove one or many array items from a given array using "dot" notation
array_forget($array, 'foo');
// Dot notation
array_forget($array, 'foo.bar');
// Get an item from an array using "dot" notation
array_get($array, 'foo', 'default');
array_get($array, 'foo.bar', 'default');
// Checks that a given item exists in an array using "dot" notation
array_has($array, 'products.desk');
// Get a subset of the items from the given array
array_only($array, array('key'));
// Return array of key => values
array_pluck($array, 'key');
// Return and remove 'key' from array
array_pull($array, 'key');
// Set an array item to a given value using "dot" notation
array_set($array, 'key', 'value');
// Dot notation
array_set($array, 'key.subkey', 'value');
// Sorts the array by the results of the given Closure
array_sort($array, function(){});
// Recursively sorts the array using the sort function
array_sort_recursive();
// Filters the array using the given Closure
array_where();
// First element of an array
head($array);
// Last element of an array
last($array);
```

Paths

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```
// Fully qualified path to the app directory
app_path();
// Get the path to the public folder
base_path();
// Fully qualified path to the application configuration directory
config_path();
// Fully qualified path to the application's database directory
database_path();
// Gets the path to the versioned Elixir file:
elixir();
// Fully qualified path to the public directory
public_path();
// Get the path to the storage folder
storage_path();
```

Strings

```
// Convert a value to camel case
camel_case($value);
// Get the class "basename" of the given object / class
class_basename($class);
// Escape a string
e('<html>');
// Determine if a given string starts with a given substring
starts_with('Foo bar.', 'Foo');
// Determine if a given string ends with a given substring
ends_with('Foo bar.', 'bar.');
// Convert a string to snake case
snake_case('fooBar');
// Limits the number of characters in a string
str_limit();
// Determine if a given string contains a given substring
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```
str_contains('Hello foo bar.', 'foo');
// Result: foo/bar/
str_finish('foo/bar', '/');
str_is('foo*', 'foobar');
str_plural('car');
str_random(25);
str_singular('cars');
str_slug("Laravel 5 Framework", "-");
// Result: FooBar
studly_case('foo_bar');
trans('foo.bar');
trans_choice('foo.bar', $count);
```

URLs and Links

```
action('FooController@method', $parameters);
// HTML Link
asset('img/photo.jpg', $title, $attributes);
// HTTPS link
secure_asset('img/photo.jpg', $title, $attributes);
route($route, $parameters, $absolute = true);
url('path', $parameters = array(), $secure = null);
```

Miscellaneous

```
// Authenticator instance (Auth)
auth()->user();
// Generates a redirect response to the user's previous location
back();
// Hashes the given value using Bcrypt (Hash)
bcrypt('my-secret-password');
// Creates a collection instance from the supplied items
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```
collect(['taylor', 'abigail']);
// Gets the value of a configuration variable
config('app.timezone', $default);
// Generates an HTML hidden input field containing the value of the CSRF token
{!! csrf_field() !!}
// Retrieves the value of the current CSRF token
$token = csrf_token();
// Dumps the given variable and ends execution of the script
dd($value);
// Gets the value of an environment variable or returns a default value
$env = env('APP_ENV');
$env = env('APP_ENV', 'production');
// Dispatches the given event to its listeners:
event(new UserRegistered($user));
// Creates a model factory builder for a given class
$user = factory(App\User::class)->make();
// Generates an HTML hidden input field containing the spoofed value of the form's HTTP verb
{!! method_field('delete') !!}
// Retrieves an old input value flashed into the session
$value = old('value');
$value = old('value', 'default');
// Returns an instance of the redirector to do redirects:
return redirect('/home');
// Returns the current request instance or obtains an input item
$value = request('key', $default = null)
// Creates a response instance or obtains an instance of the response factory
return response('Hello World', 200, $headers);
// Used to get / set a session value
$value = session('key');
$value = session()->get('key');
session()->put('key', $value);
// Will simply return the value it is given.
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD

```
value(function(){ return 'bar'; });
// Retrieves a view instance
return view('auth.login');
// Returns the value it is given
$value = with(new Foo)->work();
```

Create PDF in your applications with the Pdfcrowd HTML to PDF API PDFCROWD