**CodeIgniter 4**

**Routing Methods :**

In CodeIgniter 4, you can define routes for various HTTP request methods using the routing system. The most commonly used HTTP request methods include GET, POST, PUT, DELETE, and more. CodeIgniter 4 provides corresponding methods for defining routes for these HTTP request methods. Here is a list of commonly used route methods:

**GET:**

**$routes->get($uri, $controller::method):** Maps a GET request to a specific controller method.

Example: $routes->get('/users', 'UserController::index');

**POST:**

**$routes->post($uri, $controller::method):** Maps a POST request to a specific controller method.

Example: $routes->post('/users', 'UserController::create');

**PUT/PATCH:**

**$routes->put($uri, $controller::method):** Maps a PUT request to a specific controller method.

$routes->patch($uri, $controller::method): Maps a PATCH request to a specific controller method.

Example:

$routes->put('/users/{id}', 'UserController::update');

$routes->patch('/users/{id}', 'UserController::partialUpdate');

**DELETE:**

**$routes->delete($uri, $controller::method):** Maps a DELETE request to a specific controller method.

Example: $routes->delete('/users/{id}', 'UserController::delete');

**OPTIONS:**

**$routes->options($uri, $controller::method):** Maps an OPTIONS request to a specific controller method.

Example: $routes->options('/resource', 'ResourceController::options');

**HEAD:**

**$routes->head($uri, $controller::method):** Maps a HEAD request to a specific controller method.

Example: $routes->head('/resource', 'ResourceController::head');

**Any Method:**

**$routes->add($uri, $controller::method):** Maps any HTTP request method to a specific controller method. Useful when you want to handle multiple methods with the same route.

Example: $routes->add('/resource', 'ResourceController::handle');

**Resourceful Routes:**

**$routes->resource($uri, $controller):** Automatically generates routes for a resource controller (CRUD operations). This is a shorthand method for defining multiple routes at once.

Example: $routes->resource('posts', 'PostController');

These are some of the commonly used route methods in CodeIgniter 4. You can use these methods to define routes for your application based on the HTTP request methods your application needs to handle.