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Standard Controller Actions

Guide for Rails' seven standard controller actions used for displaying and modifying data.



Ruby on Rails defines seven standard controller actions can be used to do common things such as display and modify data.

HTTP Verb	Path	Controller#Action	Used for
GET	/messages	messages#index	display a list of all messages
GET	/messages/new	messages#new	return an HTML form for creating a new message
POST	/messages	messages#create	create a new message
GET	/messages/:id	messages#show	display a specific message
GET	/messages/:id/edit	messages#edit	return an HTML form for editing a message
PATCH/PUT	/messages/:id	messages#update	update a specific message
DELETE	/messages/:id	messages#destroy	delete a specific message

If you want to create routes for all seven actions in your app, you can add a *resource route* to your routes file. This resource route below maps URLs to the Messages controller's seven actions (index, show, new, create, edit, update, and destroy):

```
resources :messages
```

If you only want to create routes for specific actions, you can use `:only` to fine tune the resource route. This line maps URLs only to the Message controller's index and show actions.

```
resources :messages, only: [:index, :show]
```



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