To give an example I have a resources called **resources :ais**.
This creates seven different routes for me, all mapped to the ais controller:

HTTP Request Type	URL Path	View File	Description
GET	'/ais'	/ais/index	display a list of all ais
GET	'/ais/new'	/ais/new	return an HTML form for creating a new ai
POST	'/ais'	--	create a new ai
GET	'/ais/:id'	/ais/show	display a specific ai
GET	'/ais/:id/edit'	/ais/edit	return an HTML form for editing a ai
PUT	'/ais/:id'	--	update a specific ai
DELETE	'/ais/:id'	--	delete a specific ai

As seen above there are routes for ais, because services is nested underneath ais their will also be routes for services to a ServicesController. The ai URLs require an ai:

HTTP Request Type	URL Path	View File	Description
GET	'/ais/:ai_id/services'	services/index	display a list of all services for a specific ai
GET	'/ais/:ai_id/services/new'	services/new	return an HTML form for creating a new service belonging to a specific ai
POST	'/ais/:ai_id/services'	--	create a new service belonging to a specific ai
GET	'/ais/:ai_id/services/:id'	services/show	display a specific service belonging to a specific ai
GET	'/ais/:ai_id/services/:id/edit'	services/edit	return an HTML form for editing an service belonging to a specific ai
PUT	'/ais/:ai_id/services/:id'	--	update a specific service belonging to a specific ai
DELETE	'/ais/:ai_id/services/:id'	--	delete a specific service belonging to a specific ai