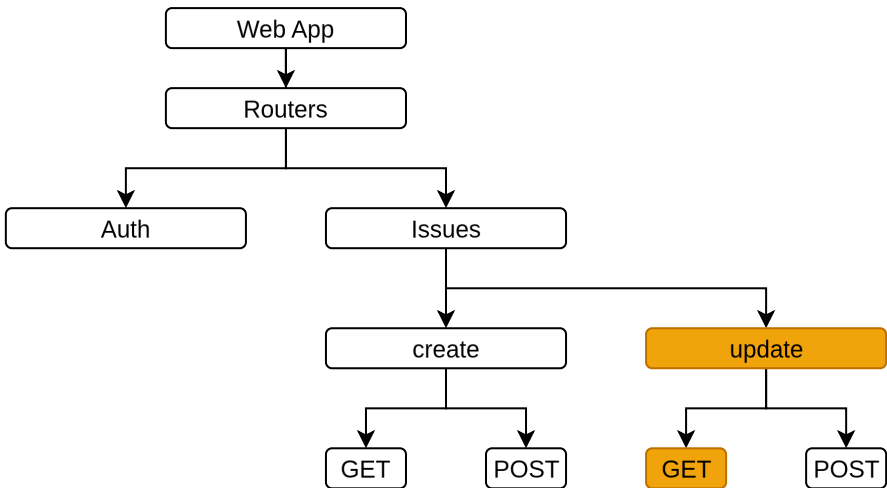# CONTRIBUTORS: ISSUES::UPDATE::GET↗

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Abstract

Contributors is a web application designed to streamline open-source contribution by improving how developers discover and share coding tasks. Built to address the limitations of issue discovery on code hosting platforms with integrated issue trackers, it enables users to curate, tag, and submit contribution-friendly issues—helping developers quickly find clear, actionable opportunities to collaborate when they're ready to contribute.

Tech Stack: *Python, FastAPI, MongoDB*

```
Web App
   │
   ▼
Routers
   │
   ├──────────────┐
   ▼              ▼
 Auth          Issues
                  │
          ┌───────┴───────┐
          ▼               ▼
        create          update
          │               │
      ┌───┴───┐       ┌───┴───┐
      ▼       ▼       ▼       ▼
    GET     POST    GET     POST
```

TICKET

REQUEST :: EP=/issues/update/

	Cookies	
NN	access_token	:: str

	Params	
NN	issue_id	:: str

CONTROLLER

	Dependencies	
NN	current_user	:: UsersModel

	Collection `issues`	
PK	_id	:: ObjectID
NN	created_by	:: UserID

RESPONSE

	InvalidTokenError	
EP	/issues/update/	
NN	401, detail	:: json

	ValidationError	
EP	/issues/update/	
NN	422, detail	:: json

	RedirectResponse	
EP	/issues/	
NN	error_message	:: str

	TemplateResponse	
EP	/issues/update/	
NN	issue	:: IssuesModel
NN	user	:: UsersModel

REQUEST

```
+! P.issue_id
|> int.GreatherThan(0)
|> orelse raise ValidationError
```

CONTROLLER

```
+! C.access_token
|> orelse raise InvalidTokenError

+! D.current_user
|> orelse raise InvalidTokenError

+! P.issue_id
|> db.FindOne(issues.id)
|> orelse redirect RedirectResponse(NotFoundErrMsg)
|> permissions.IsOwner(current_user.id, issues.created_by)
|> orelse redirect RedirectResponse(PermissionsErrMsg)

return TemplateResponse(current_user, issue).RenderForm()
```