

Audit de performance TODOLIST (Projet amélioration qualité, nouvelles fonctionnalités ,
correction de quelques anomalies, tests automatisés)

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Comparaison temps d'exécution et mémoire utilisée

200

127.0.0.1

GET

https://127.0.0.1:8000/tasks

Version initiale

Temps d'exécution : 68 ms

Mémoire utilisée : 5,50 MB

Version finale

Temps d'exécution : 70 ms

Mémoire utilisée : 4.00 MB

⇒ Gain de mémoire et perte de temps d'exécution

200

127.0.0.1

GET

https://127.0.0.1:8000/

Version initiale

Temps d'exécution : 587 ms

Mémoire utilisée : 6,00 MB

Version finale

Temps d'exécution : 126 ms

Mémoire utilisée : 4.00 MB

⇒ Gain de mémoire et gain de temps d'exécution

200

127.0.0.1

GET

https://127.0.0.1:8000/js/jquery.js

Version initiale

Temps d'exécution : 244 ms

Mémoire utilisée : 30 MB

Version finale

Temps d'exécution : 126 ms

Mémoire utilisée : 4.00 MB

Recommandation:

Utiliser un profiler payant comme blackfire

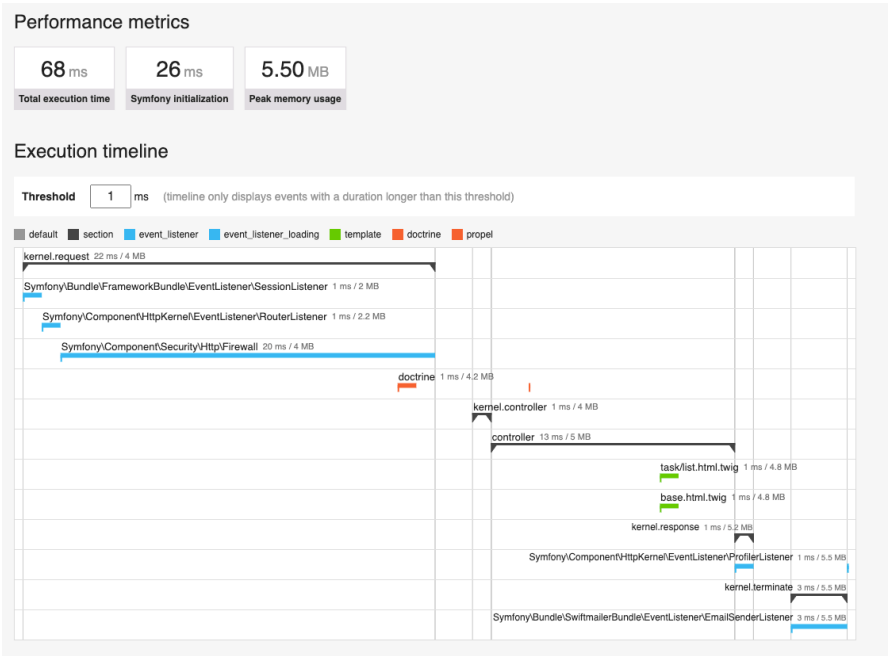
- Offre la possibilité de profiler des applications en production sans perturber leur fonctionnement. Cela permet de détecter des problèmes de performances réels que les utilisateurs peuvent rencontrer, ce qui n'est pas aussi simple à réaliser avec le profiler Symfony.
- Capture de données plus détaillées (statistiques de base de données, les requêtes HTTP, les statistiques CPU, la mémoire utilisée, etc.)

Données du profiler de Symfony

Audit de performance version initiale

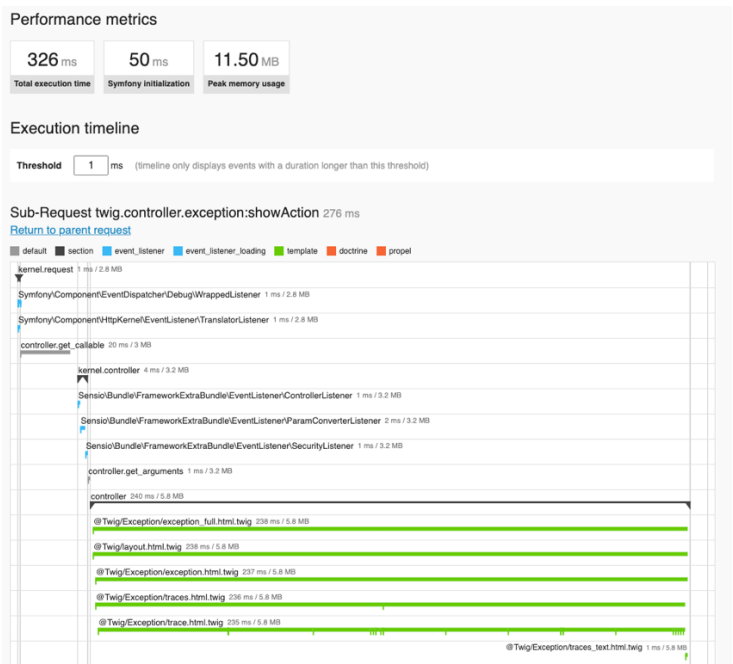
200	127.0.0.1	GET	https://127.0.0.1:8000/tasks	21-Aug-2023 10:08:53	5f9455
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Token => performance :



200	127.0.0.1	GET	https://127.0.0.1:8000/s/query.js	21-Aug-2023 10:08:53	d67618
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Token => performance :





404	127.0.0.1	GET	https://127.0.0.1:8000/js/query.js	21-Aug-2023 10:08:53	dc2b06
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Performance metrics

342 ms	30 ms	1	276 ms	11.50 MB
Total execution time	Symfony initialization	Sub-Requests	Sub-Requests time	Peak memory usage

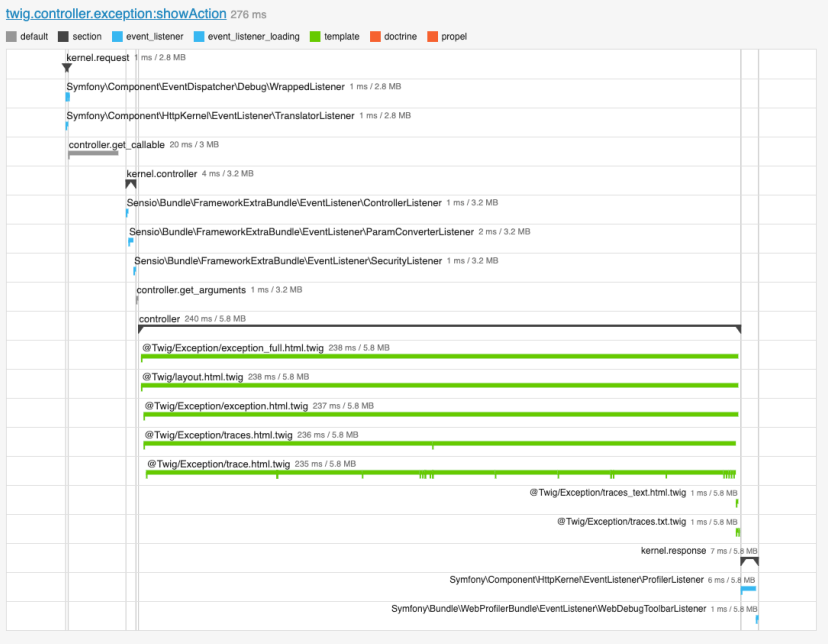
Execution timeline

Threshold ms (timeline only displays events with a duration longer than this threshold)

Main Request 312 ms



Sub-requests (1)



302

127.0.0.1

GET

https://127.0.0.1:8000/tasks/1/delete

21-Aug-2023
10:08:59

b4c197

Performance metrics

70_{ms}

Total execution time

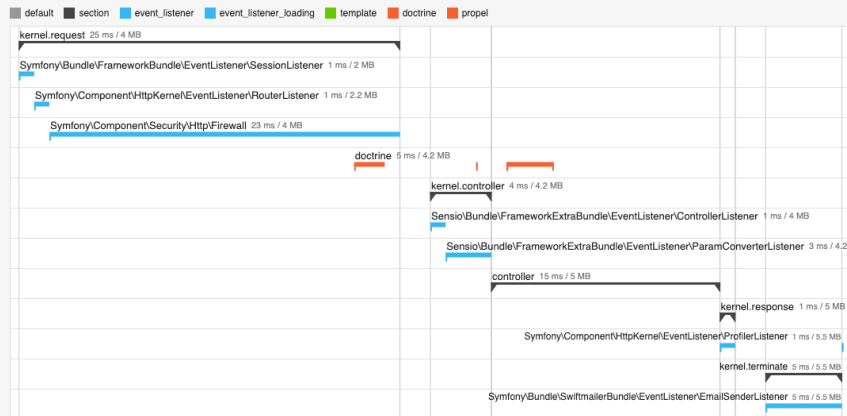
18_{ms}

Symfony initialization

5.50_{MB}

Peak memory usage

Execution timeline

Threshold ms (timeline only displays events with a duration longer than this threshold)

200

127.0.0.1

GET

https://127.0.0.1:8000/tasks

21-Aug-2023
10:08:59

01ae8d

Performance metrics

59_{ms}

Total execution time

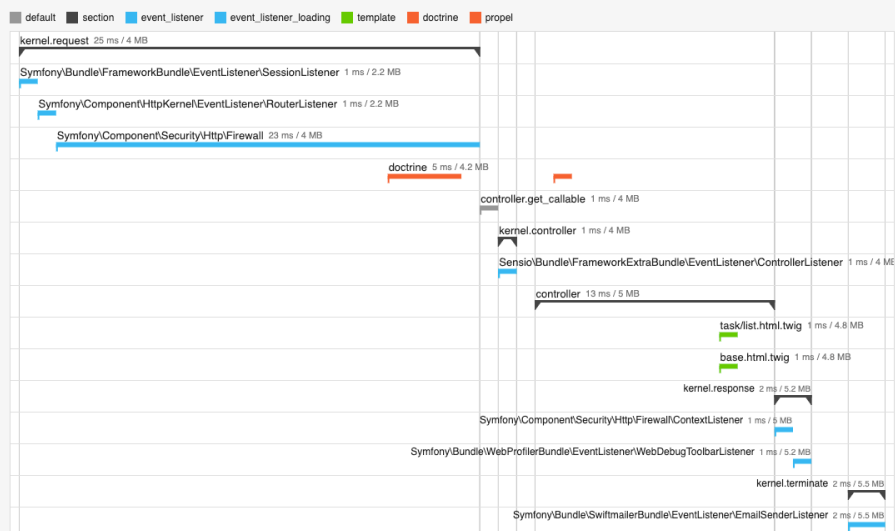
14_{ms}

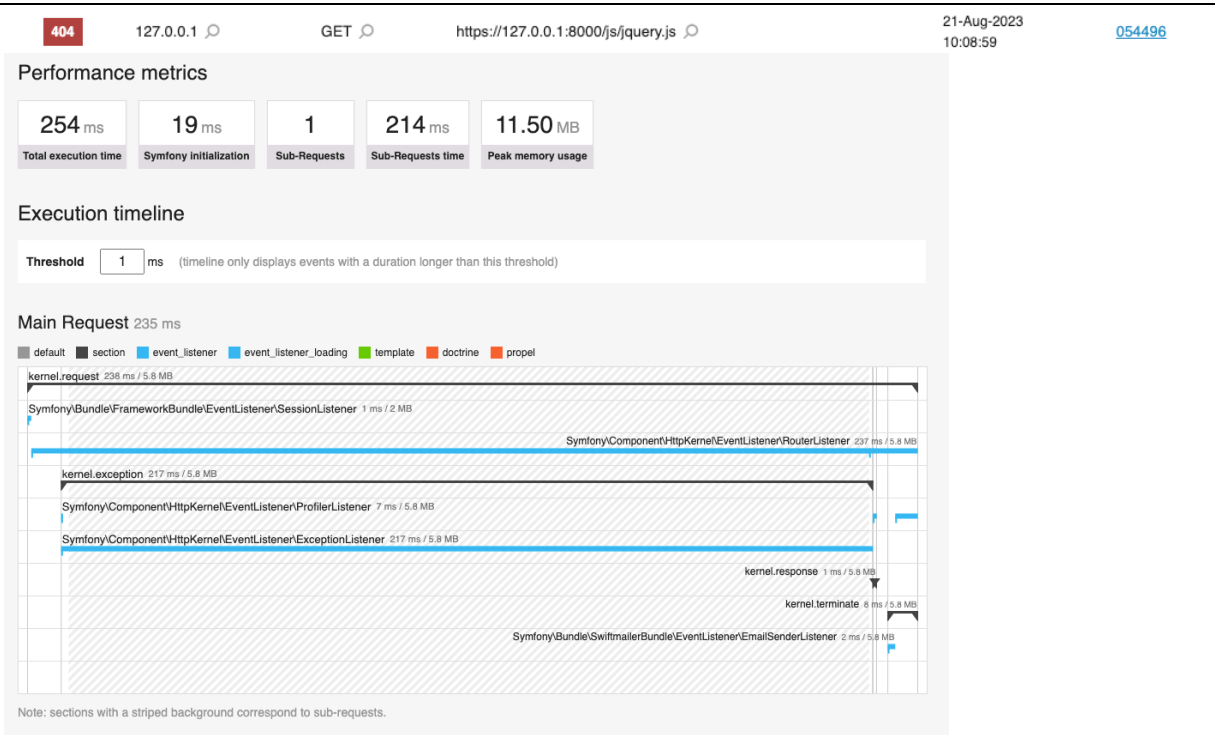
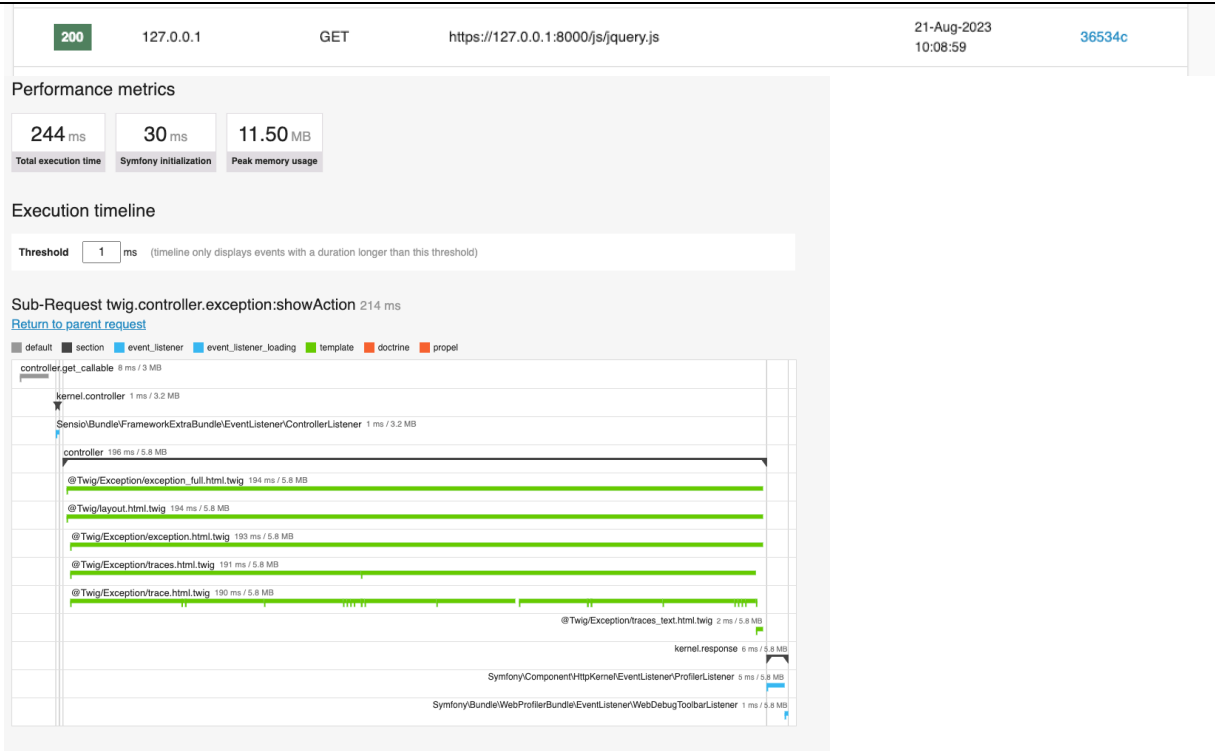
Symfony initialization

5.50_{MB}

Peak memory usage

Execution timeline

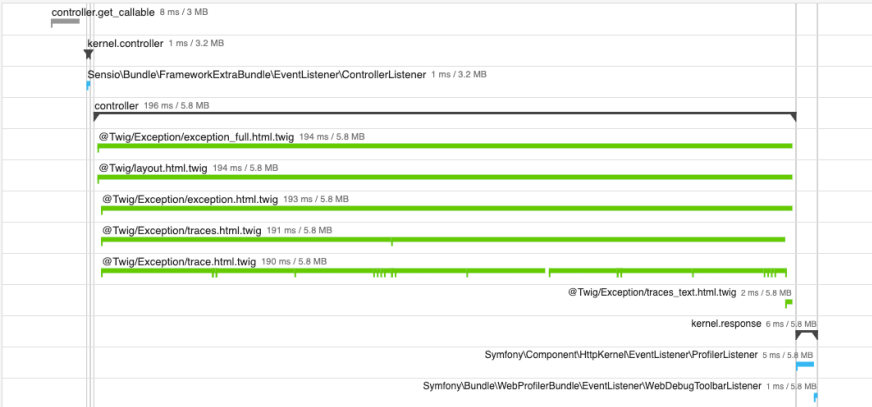
Threshold ms (timeline only displays events with a duration longer than this threshold)



Sub-requests (1)

twig.controller.exception.showAction 214 ms

default section event_listener event_listener_loading template doctrine propel



200

127.0.0.1

GET

https://127.0.0.1:8000/

21-Aug-2023
10:44:47

86732d

Performance metrics

587 ms

Total execution time

141 ms

Symfony initialization

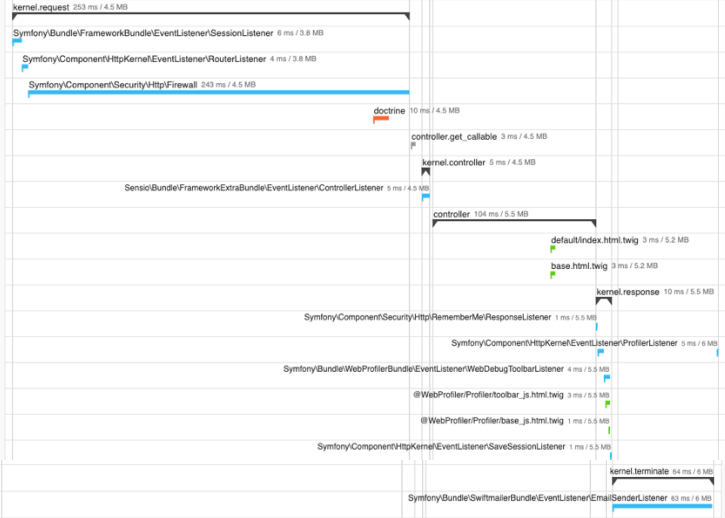
6.00 MB

Peak memory usage

Execution timeline

Threshold 1 ms (timeline only displays events with a duration longer than this threshold)

default section event_listener event_listener_loading template doctrine propel



200

127.0.0.1

GET

https://127.0.0.1:8000/js/jquery.js

21-Aug-2023
10:44:48

250418

Performance metrics

263ms

Total execution time

38ms

Symfony initialization

11.50MB

Peak memory usage

Execution timeline

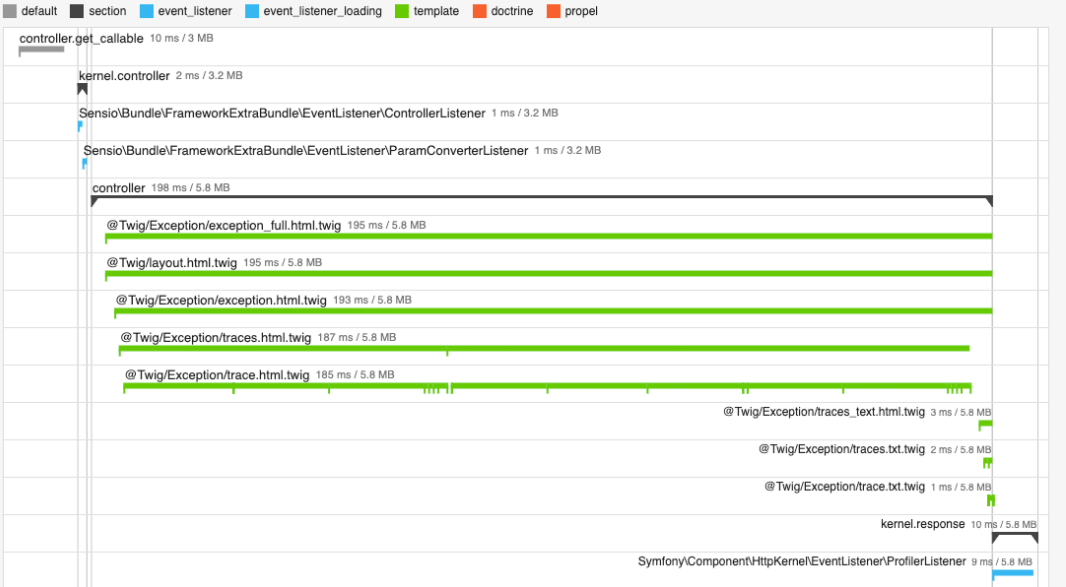
Threshold

1ms

(timeline only displays events with a duration longer than this threshold)

Sub-Request twig.controller.exception:showAction 225 ms

[Return to parent request](#)



404

127.0.0.1

GET

https://127.0.0.1:8000/js/jquery.js

21-Aug-2023
10:44:48

598a18

Performance metrics

274ms

Total execution time

22ms

Symfony initialization

1

Sub-Requests

225ms

Sub-Requests time

11.50MB

Peak memory usage

Execution timeline

Threshold

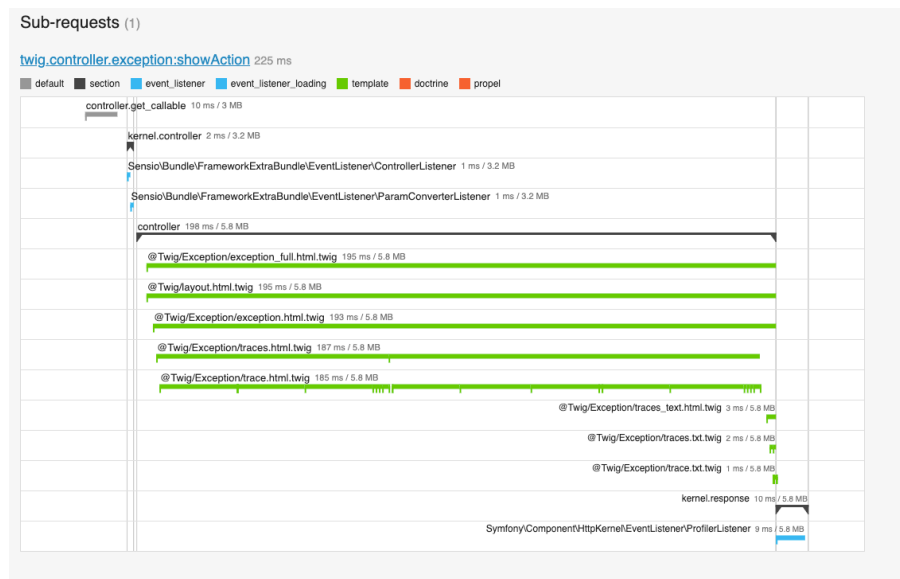
1ms

(timeline only displays events with a duration longer than this threshold)

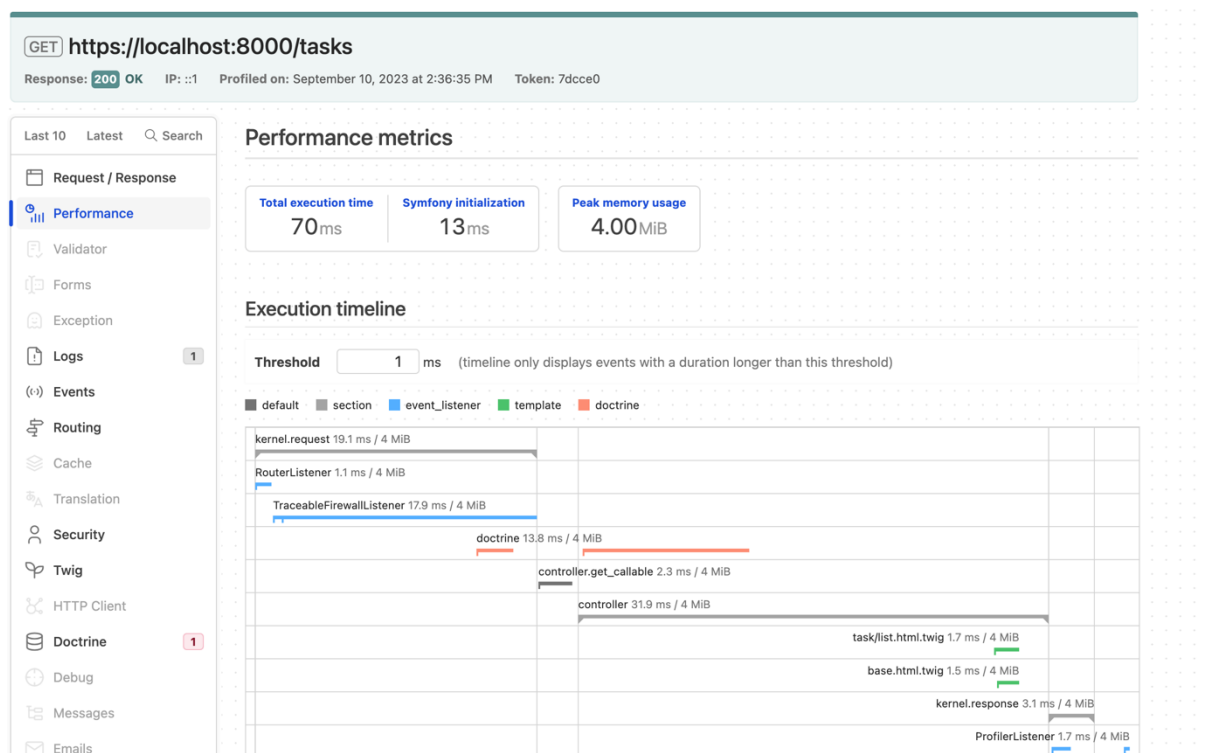
Main Request 252 ms



Note: timeline with a striped background corresponds to sub-requests



Audit de performance version finale



GET https://localhost:8000/tasks/create

Response: 200 OK Browse referrer URL IP: ::1 Profiled on: September 10, 2023 at 2:49:37 PM Token: a9dd06

Last 10 Latest Search

Request / Response

Performance

Validator

Forms

Exception

Logs

1

Events

Routing

Cache

Translation

2

Security

Twig

HTTP Client

Doctrine

1

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Messages

Emails

Performance metrics

Total execution time

43ms

Symfony initialization

4ms

Peak memory usage

4.00MiB

Execution timeline

Threshold

1

ms

(timeline only displays events with a duration longer than this threshold)

default section event_listener template doctrine controller.argument_value_resolver

