

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

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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

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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/s/jquery.js
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#### Version initiale

Temps d'exécution : 244 ms

Mémoire utilisée : 30 MB

#### Version finale

Temps d'exécution : 126 ms

Mémoire utilisée : 4.00 MB

## Recommandation :

### Performance

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.)

### Qualité du code

Le projet ne doit pas utiliser les fonctions de réponse natives de PHP.

Le projet ne doit pas contenir de commentaires "FIXME".

Le projet ne doit pas exposer publiquement des fichiers PHP non protégés (concernant le fichier config.php dans le dossier public).

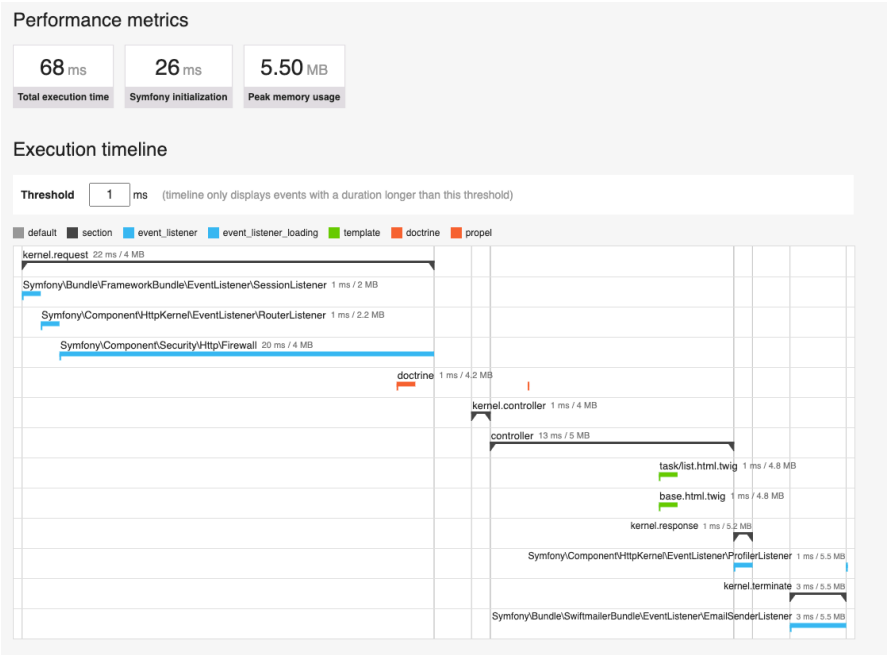
Le projet ne doit pas contenir d'appels de fonctions ou de méthodes non valides ( dans public/app\_dev.php, line 24).

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/js/jquery.js	21-Aug-2023 10:08:53	d67618
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Token => performance :

Performance metrics

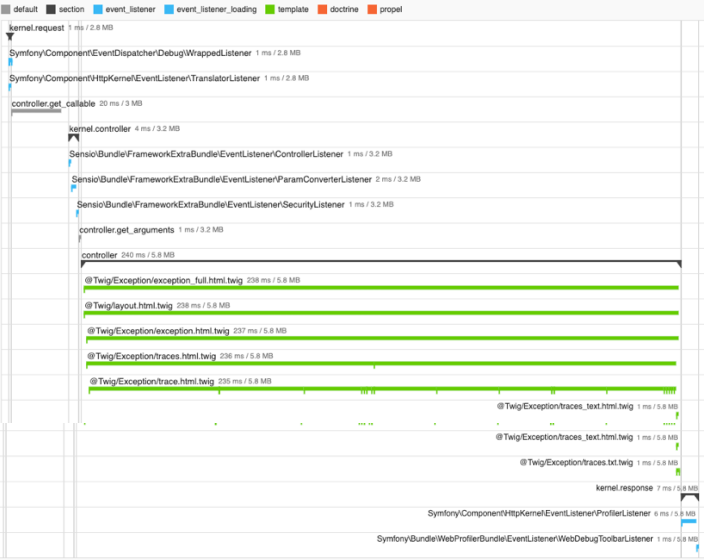
326 ms	50 ms	11.50 MB
Total execution time	Symfony initialization	Peak memory usage

Execution timeline

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

Sub-Request twig.controller.exception.showAction 276 ms

[Return to parent request](#)



404

127.0.0.1

GET

https://127.0.0.1:8000/js/query.js

21-Aug-2023  
10:08:53

dc2b06

Performance metrics

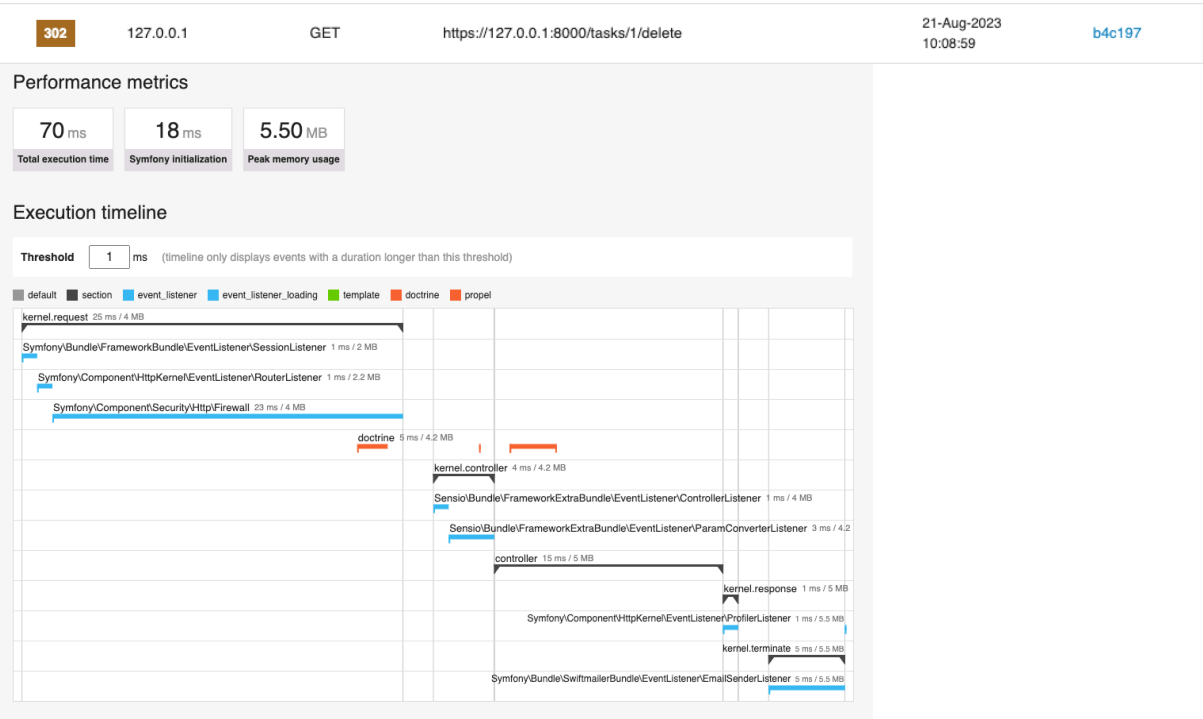
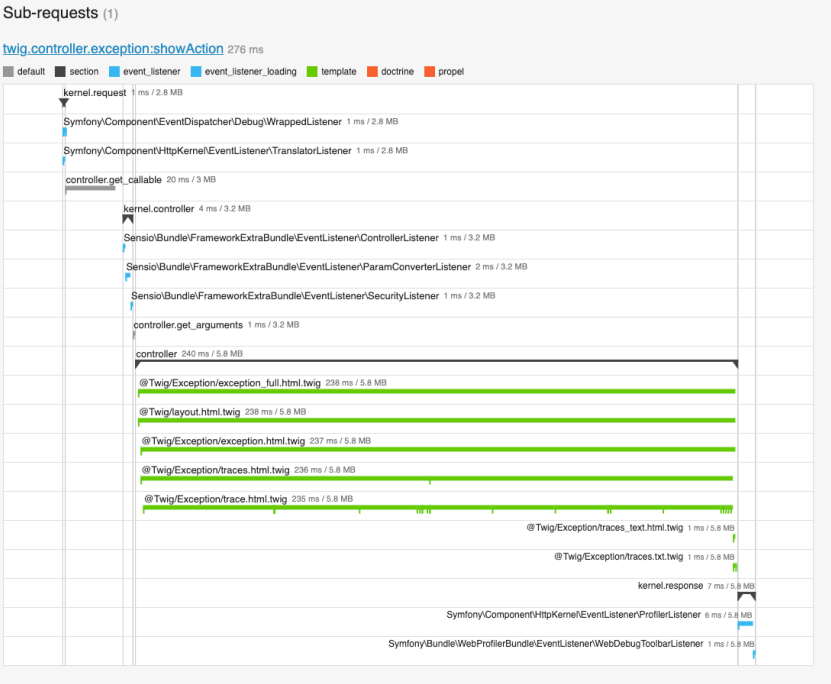
342 ms	30 ms	1	276 ms	11.50 MB
Total execution time	Symfony initialization	Sub-Requests	Sub-Requests time	Peak memory usage

Execution timeline

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

Main Request 312 ms

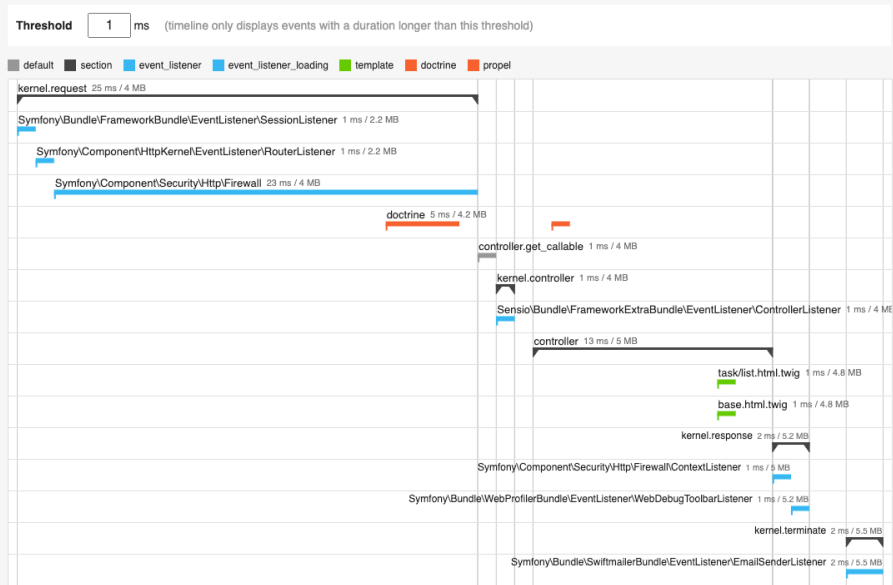




## Performance metrics

59 ms	14 ms	5.50 MB
Total execution time	Symfony initialization	Peak memory usage

## Execution timeline



200	127.0.0.1	GET	https://127.0.0.1:8000/js/query.js	21-Aug-2023 10:08:59	36534c
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## Performance metrics

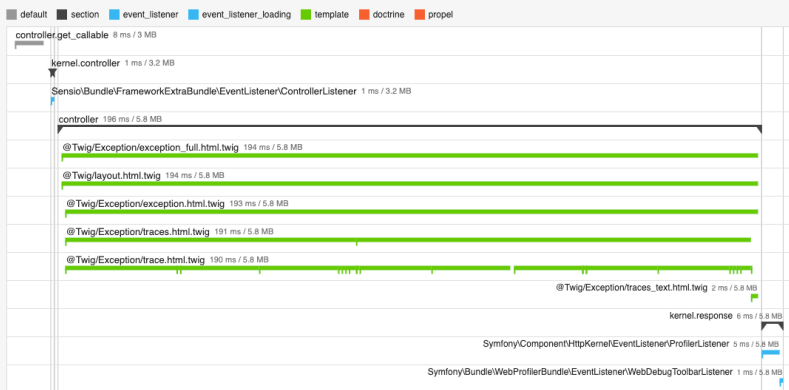
244 ms	30 ms	11.50 MB
Total execution time	Symfony initialization	Peak memory usage

## Execution timeline

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

### Sub-Request twig.controller.exception:showAction 214 ms

[Return to parent request](#)



404	127.0.0.1	GET	https://127.0.0.1:8000/js/query.js	21-Aug-2023 10:08:59	054496
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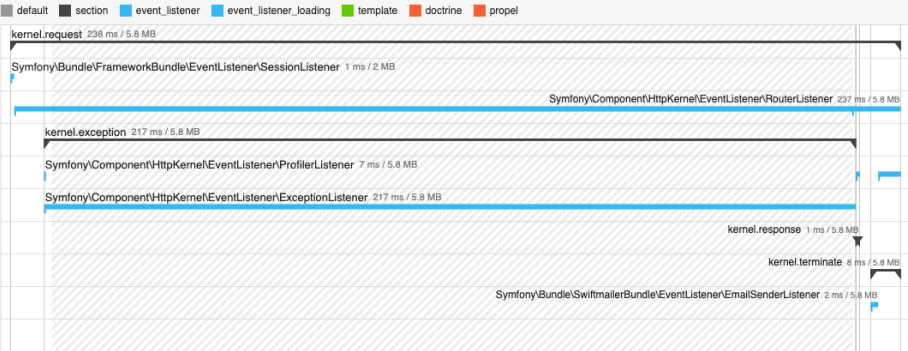
Performance metrics

254ms	19ms	1	214ms	11.50MB
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)

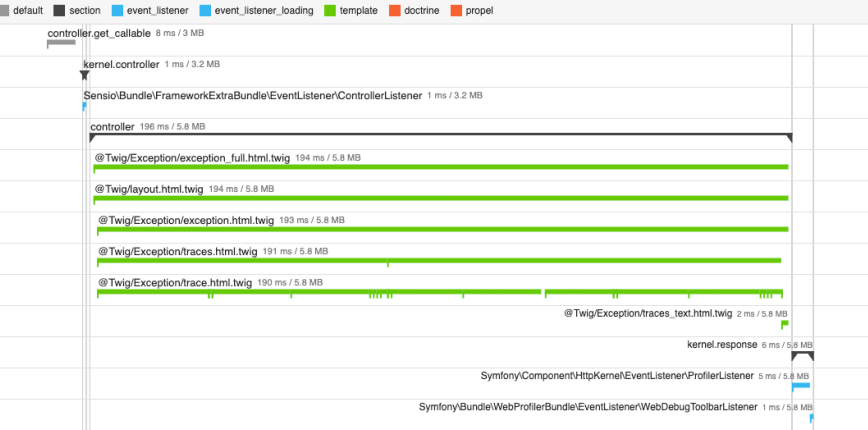
Main Request 235 ms



Note: sections with a striped background correspond to sub-requests.

Sub-requests (1)

twig.controller.exception.showAction 214 ms



200

127.0.0.1

GET

https://127.0.0.1:8000/

21-Aug-2023  
10:44:47

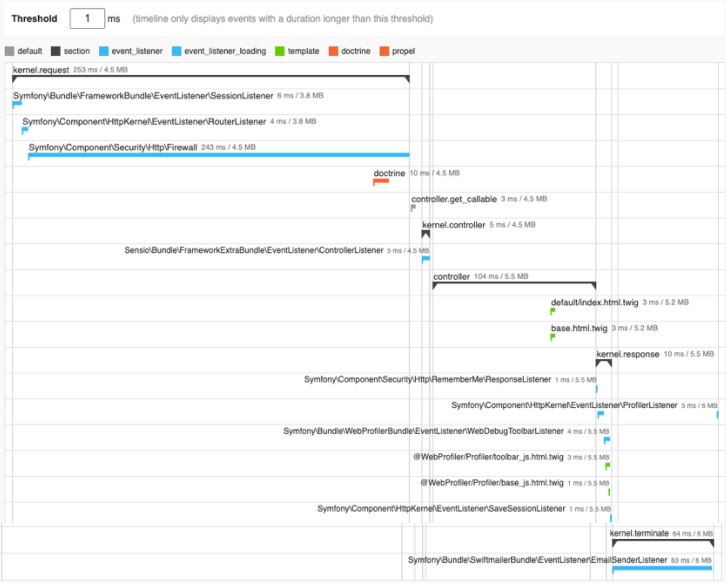
86732d



Performance metrics

587 ms	141 ms	6.00 MB
Total execution time	Symfony initialization	Peak memory usage

Execution timeline



200

127.0.0.1

GET

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

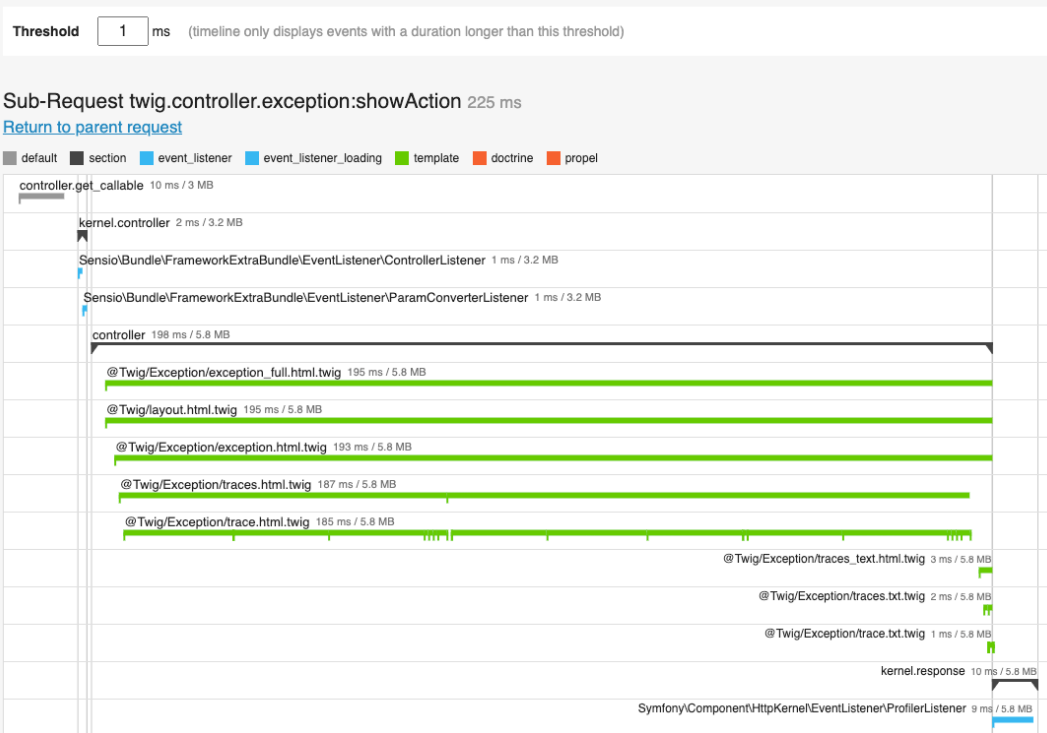
21-Aug-2023  
10:44:48

250418

Performance metrics

263 ms	38 ms	11.50 MB
Total execution time	Symfony initialization	Peak memory usage

Execution timeline



## Performance metrics

274 ms	22 ms	1	225 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)

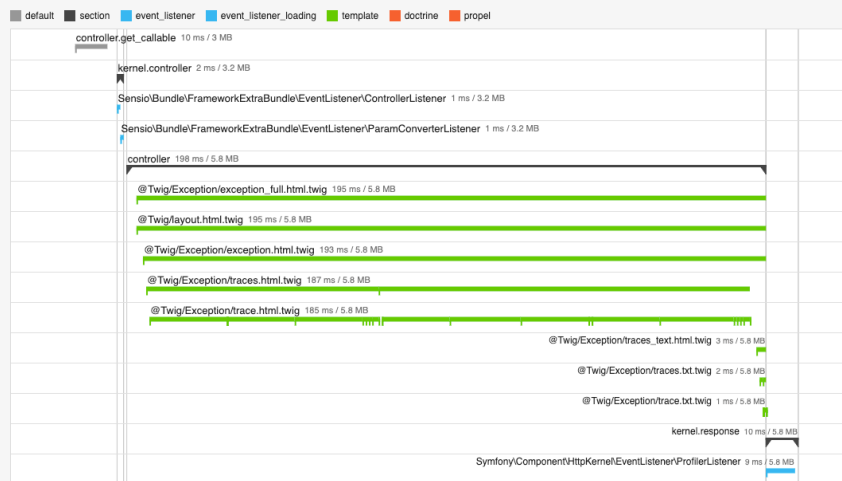
## Main Request 252 ms



Note: sections with a striped background represent an asynchronous event.

## Sub-requests (1)

## twig.controller.exception.showAction 225 ms



Audit de performance version finale

GET

https://localhost:8000/tasks

Response: 200 OK

IP: ::1

Profiled on: September 10, 2023 at 2:36:35 PM

Token: 7dcce0

Last 10LatestSearch

Request / Response

Performance

Validator

Forms

Exception

Logs1

Events

Routing

Cache

Translation

Security

Twig

HTTP Client

Doctrine1

Debug

Messages

Emails

Performance metrics

Total execution time

70ms

Symfony initialization

13ms

Peak memory usage

4.00MiB

Execution timeline

Threshold1ms (timeline only displays events with a duration longer than this threshold)

default

section

event\_listener

template

doctrine

kernel.request19.1 ms / 4 MiB

RouterListener1.1 ms / 4 MiB

TraceableFirewallListener17.9 ms / 4 MiB

doctrine13.8 ms / 4 MiB

controller.get\_callable2.3 ms / 4 MiB

controller31.9 ms / 4 MiB

task/list.html.twig1.7 ms / 4 MiB

base.html.twig1.5 ms / 4 MiB

kernel.response3.1 ms / 4 MiB

ProfilerListener1.7 ms / 4 MiB

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 10LatestSearch

Request / Response

Performance

Validator

Forms

Exception

Logs1

Events

Routing

Cache

Translation2

Security

Twig

HTTP Client

Doctrine1

Debug

Messages

Emails

Performance metrics

Total execution time

43ms

Symfony initialization

4ms

Peak memory usage

4.00MiB

Execution timeline

Threshold1ms (timeline only displays events with a duration longer than this threshold)

default

section

event\_listener

template

doctrine

controller.argument\_value\_resolver

kernel.request8.6 ms / 4 MiB

TraceableFirewallListener7.8 ms / 4 MiB

doctrine2.2 ms / 4 MiB

controller27.3 ms / 4 MiB

task/create.html.twig9 ms / 4 MiB

base.html.twig8.9 ms / 4 MiB

kernel.response2.5 ms / 4 MiB

ProfilerListener1 ms / 4 MiB

WebDebugToolbarListener1.3 ms / 4 MiB

@WebProfiler/Profiler/toolbar\_js.html.twig1 ms / 4 MiB