

Восток

Правильная телеметрия для микросервисов на .NET

КОнтур

контур Бухгалтерия



контур Закупки





контур Диадок





контур Бухгалтерия









к○нтур Диадок





Правильный продакшн

— Метрики

— Логи

— Трассировки

— Конфигурация

Service discovery

— Деплой

— Хостинг

Правильный продакшн

— Метрики

— Логи

— Трассировки

— Конфигурация

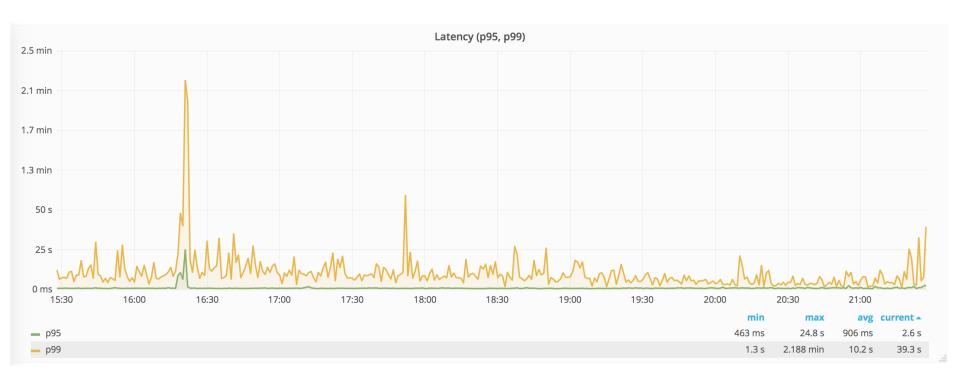
Service discovery

— Деплой

— Хостинг

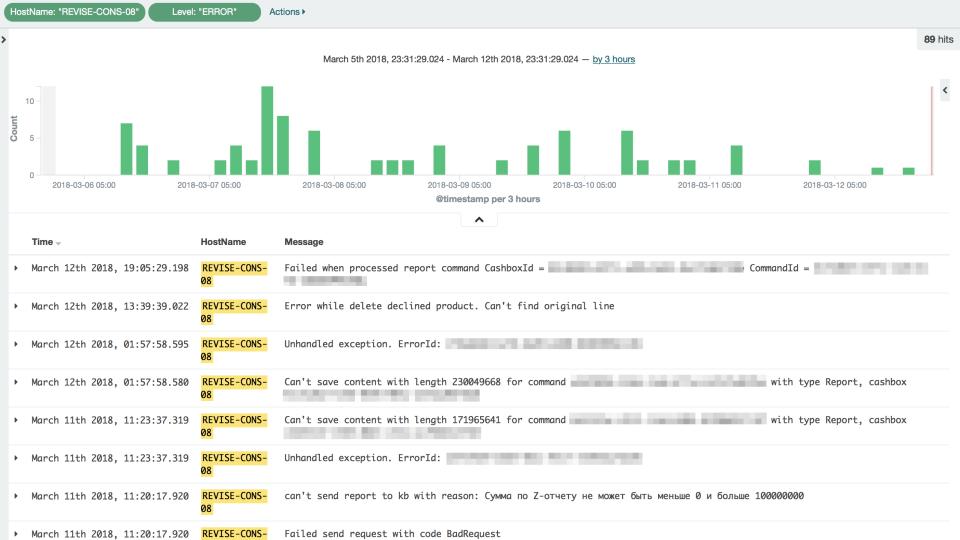
```
private readonly Timer timer =
   Metric.Timer("Requests", Unit.Requests);
public void Process(string documentId)
   using (var context = timer.NewContext(documentId))
       ActualProcessingOfTheRequest(documentId);
```

MyService.host01.Requests.Duration-p95 875 1520758574 MyService.host01.Requests.Duration-p99 1564 1520758574

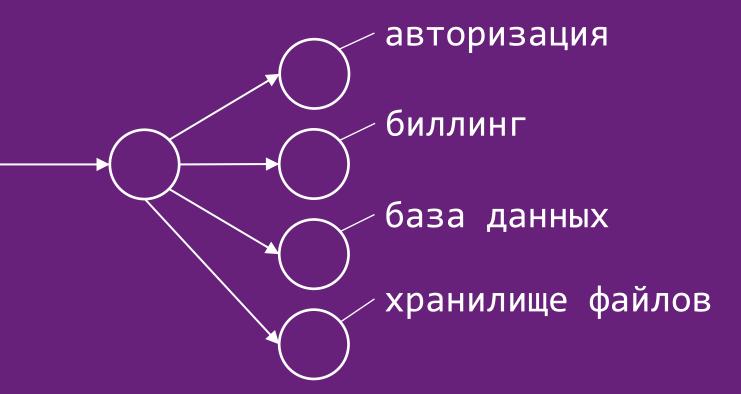


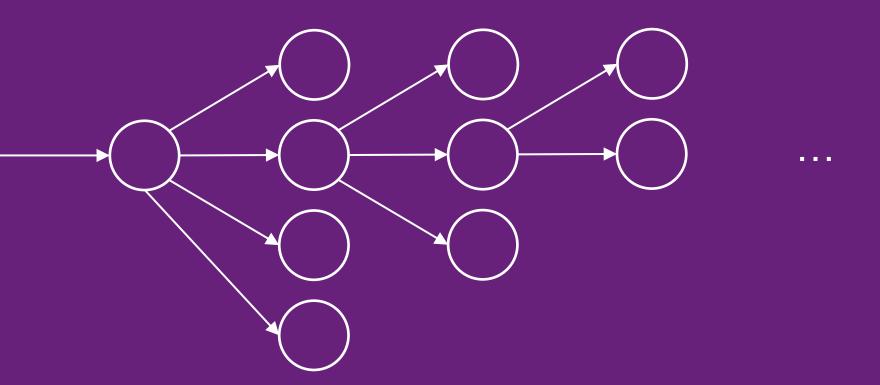
```
"@timestamp": "2017-11-13T13:11:17.0275008Z",
    "AppDomain": "Store.Api.exe",
    "HostName": "REVISE-CONS-08",
    "Level": "INFO",
    "LoggerName": "request",
    "Message": "Incoming request GET /store/v1/shops",
```

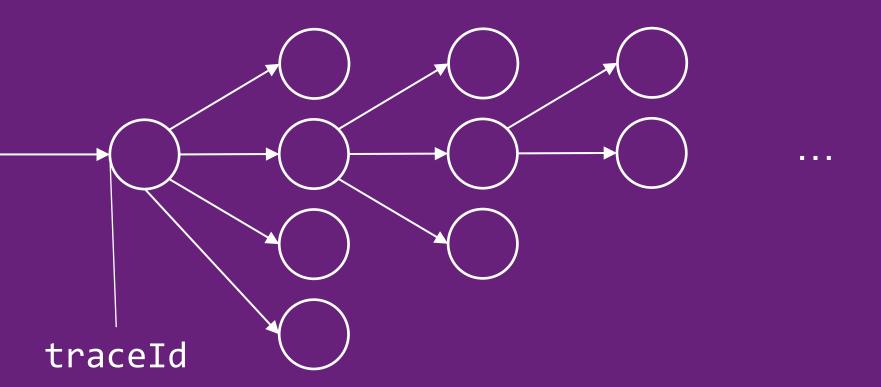
```
"@timestamp": "2017-11-13T13:11:17.0275008Z",
    "AppDomain": "Store.Api.exe",
    "HostName": "REVISE-CONS-08",
    "Level": "INFO",
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    "Message": "Incoming request GET /store/v1/shops",
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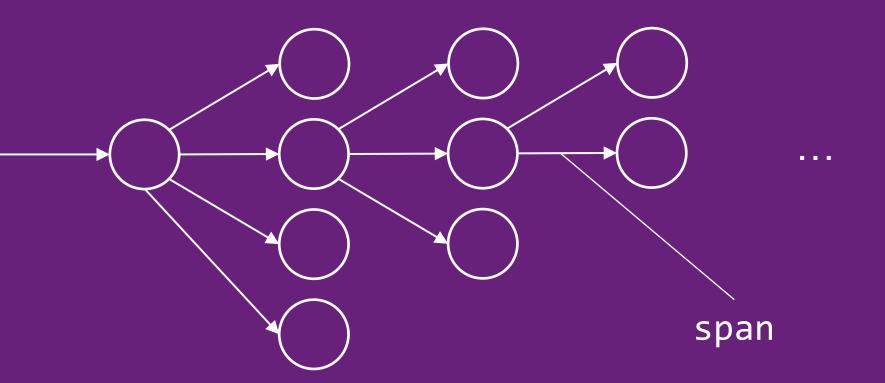








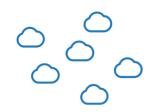


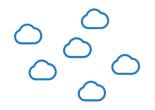


```
"TraceId": "bade332746024d6ea45d33237e36c361",
"OperationName": "HTTP",
"BeginTimestamp": "2017-11-13T15:49:17.2180000+03:00",
"EndTimestamp": "2017-11-13T15:49:37.3906473+03:00",
"Annotations": {
   "OriginHost": "vm-livechat2",
   "OriginId": "LiveChat.Service",
   "IsClientSpan": false
```

контур Бухгалтерия









контур Диадок



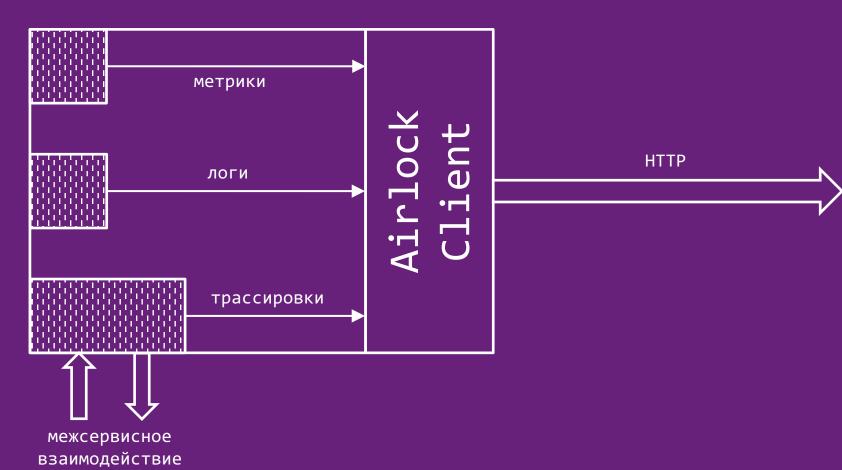


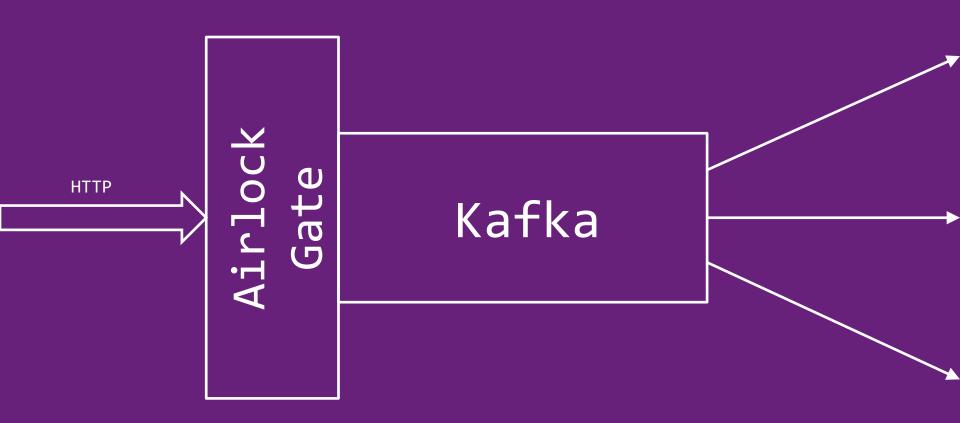
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"TraceId": "bade332746024d6ea45d33237e36c361",
"OperationName": "HTTP",
"BeginTimestamp": "2017-11-13T15:49:17.2180000+03:00",
"EndTimestamp": "2017-11-13T15:49:37.3906473+03:00",
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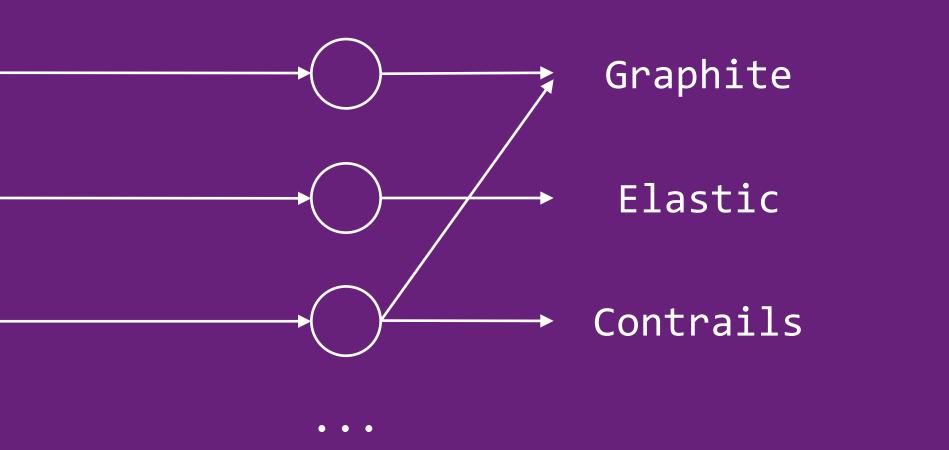
```
"Otimestamp": "2017-11-13T13:11:17.0275008Z",
   "AppDomain": "Store.Api.exe",
   "HostName": "REVISE-CONS-08",
   "Level": "INFO",
   "LoggerName": "request",
   "Message": "Incoming request GET /store/v1/shops",
```

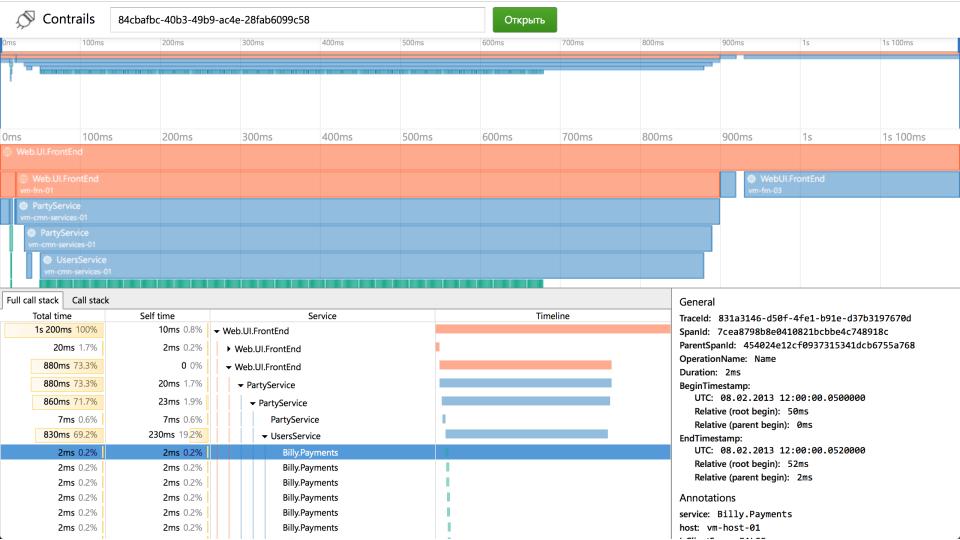
```
MyService.host01.Requests.Duration-p95 875 1520758574

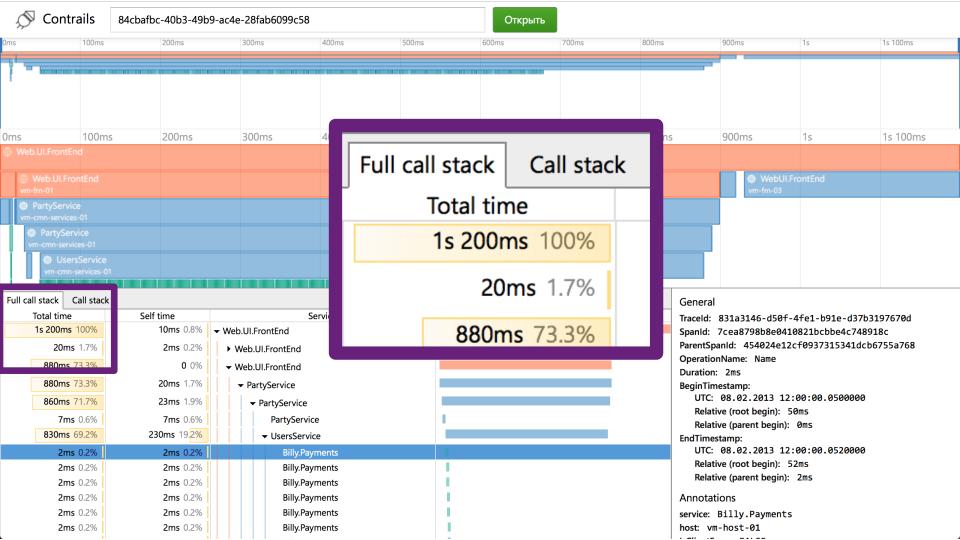
MyService.host01.Requests.Duration-p99 1564 1520758574
```



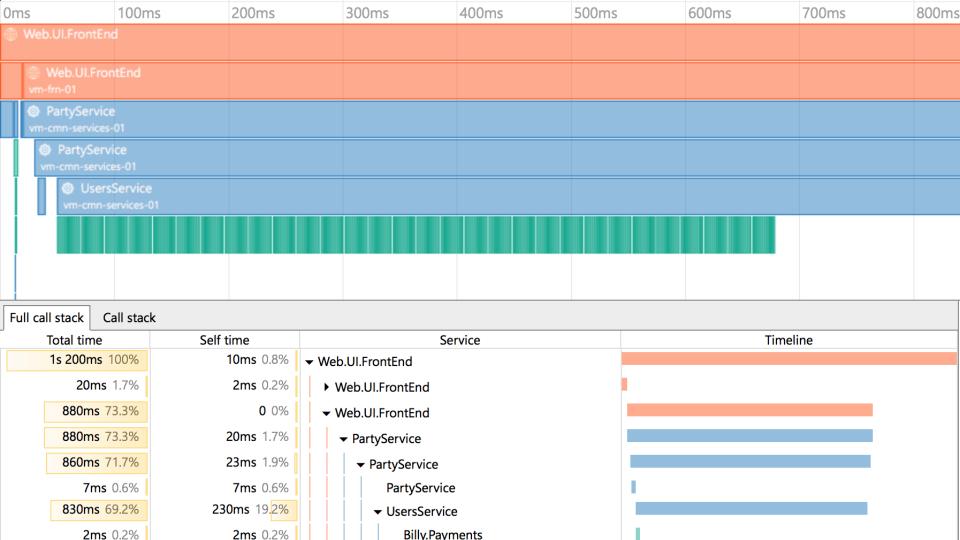


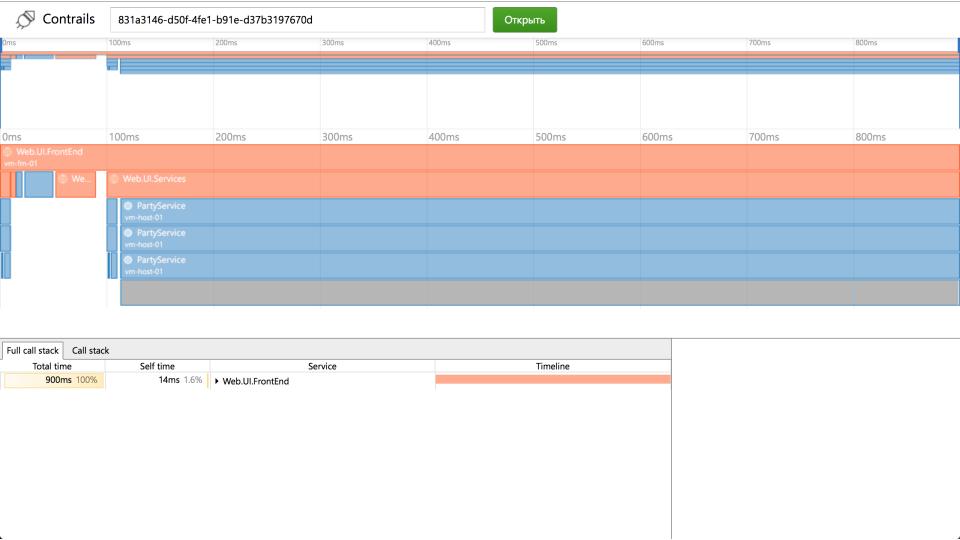


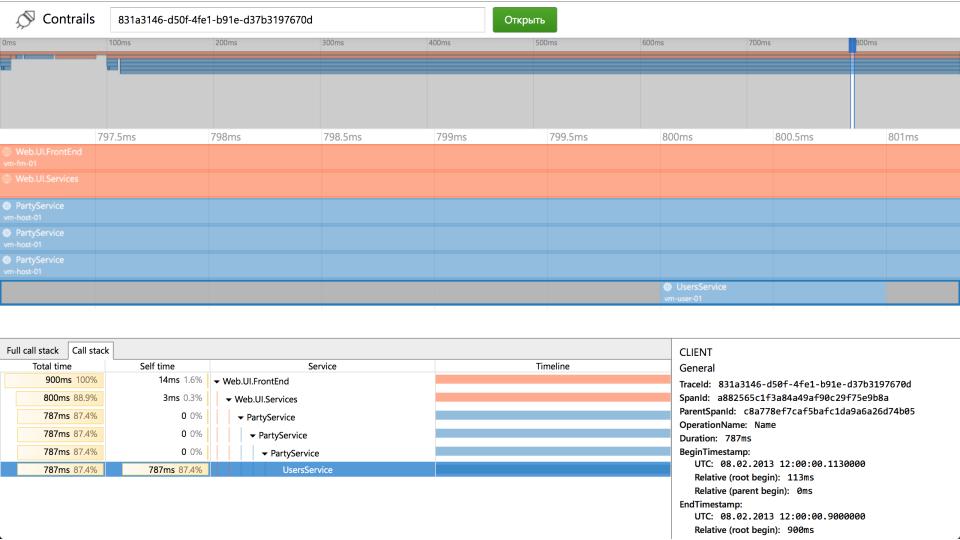


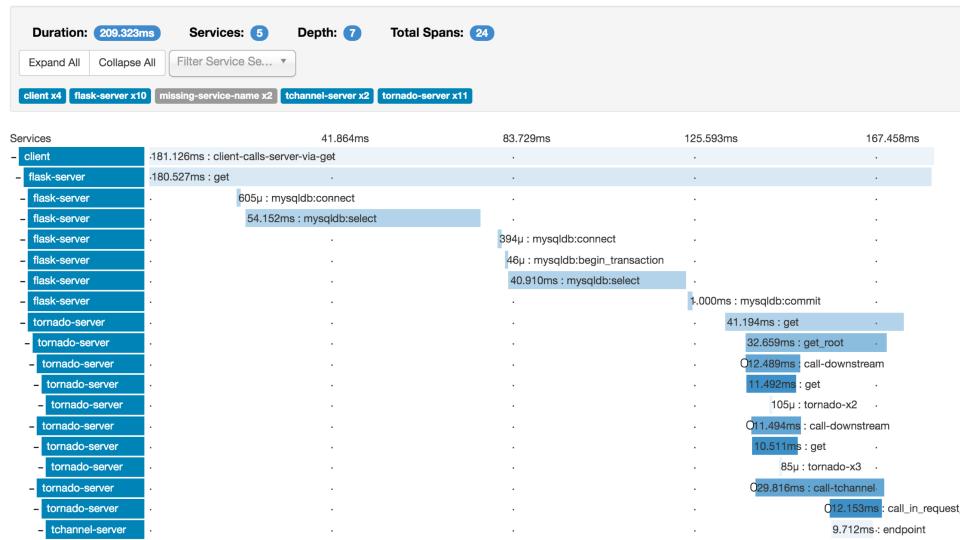


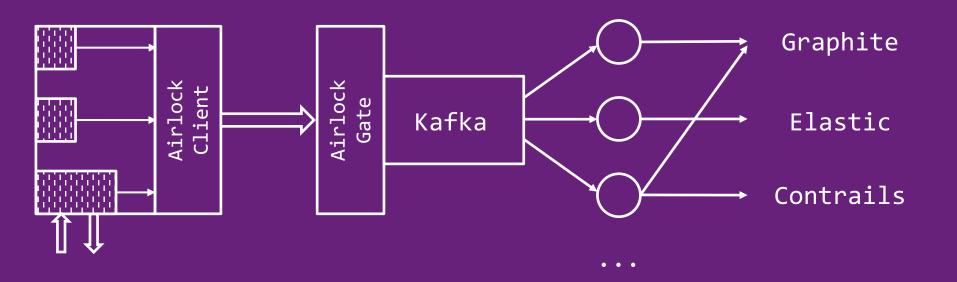
Full call stack Call s	tack		
Total time	Self time	Service	Timeline
1s 200ms 100%	6 10ms 0.8%	▼ Web.UI.FrontEnd	
20ms 1.79	6 2ms 0.2%	▶ Web.UI.FrontEnd	
880ms 73.39	0 0%	▼ Web.UI.FrontEnd	
880ms 73.39	6 20ms 1.7%	▼ PartyService	
860ms 71.79	6 23ms 1.9%	▼ PartyService	
7ms 0.69	7ms 0.6%	PartyService	I
830ms 69.29	6 230ms 19. <mark>2%</mark>	▼ UsersService	
2ms 0.29	6 2ms 0.2%	Billy.Payments	I
2ms 0.29	6 2ms 0.2%	Billy.Payments	I
2ms 0.29	6 2ms 0.2%	Billy.Payments	I
2ms 0.29	6 2ms 0.2%	Billy.Payments	I
2ms 0.29	6 2ms 0.2%	Billy.Payments	I
2ms 0.29	6 2ms 0.2%	Billy.Payments	1
2ms 0.29	6 2ms 0.2%	Billy.Payments	1
2ms 0.29	6 2ms 0.2%	Billy.Payments	1
2ms 0.29	6 2ms 0.2%	Billy.Payments	1
2ms 0.29	6 2ms 0.2%	Billy.Payments	1
2ms 0.29	6 2ms 0.2%	Billy.Payments	I I
2ms 0.29	6 2ms 0.2%	Billy.Payments	T.
2ms 0.29	6 2ms 0.2%	Billy.Payments	1
2ms 0.29	6 2ms 0.2%	Billy.Payments	1
2ms 0.29	6 2ms 0.2%	Billy.Payments	

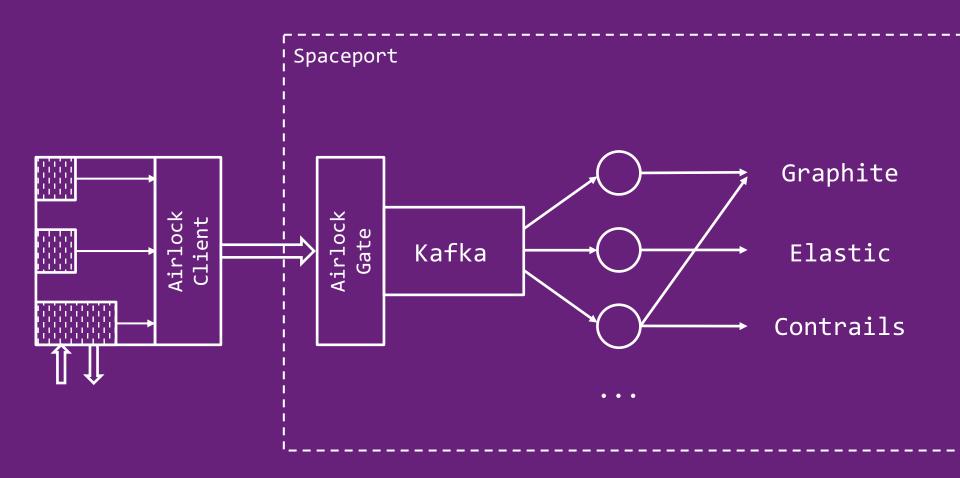












Демо-трассировки

- 8fce28c6-985b-4d51-b474-ca93032fafeb
- 831a3146-d50f-4fe1-b91e-d37b3197670d
- 84cbafbc-40b3-49b9-ac4e-28fab6099c58

Правильный продакшн

- Метрики
- Логи
- Трассировки

- Конфигурация
- Service discovery
- Деплой
- Хостинг



alexkir@kontur.ru github.com/vostok