
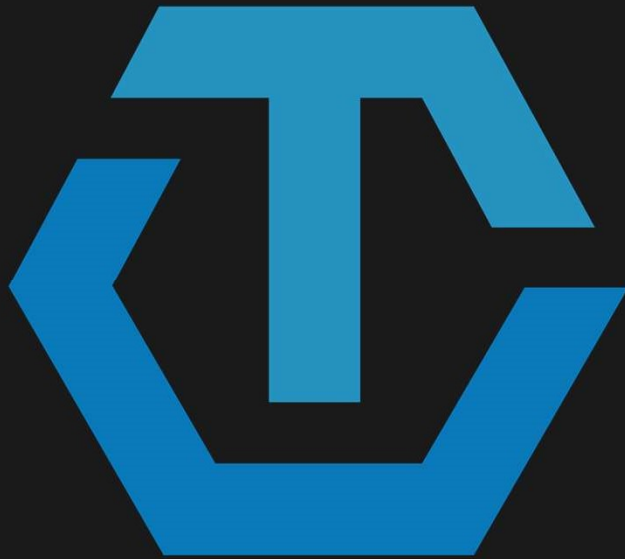


nova  
net

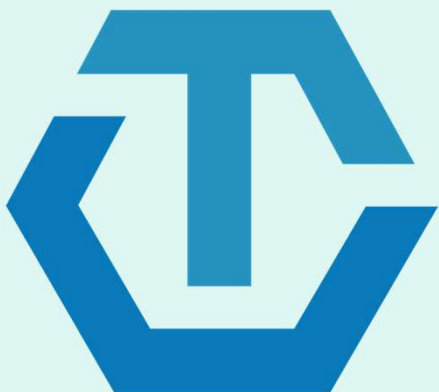
Nils Georg Skutle

 @HrSkutle



# Open Tracing

nova  
net



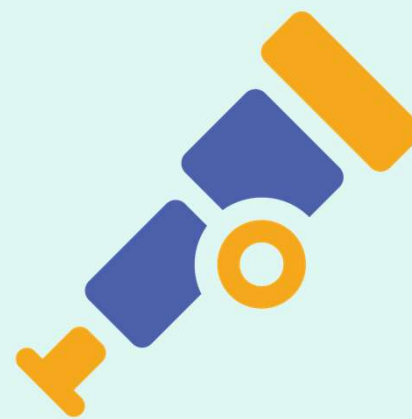
Open Tracing

+

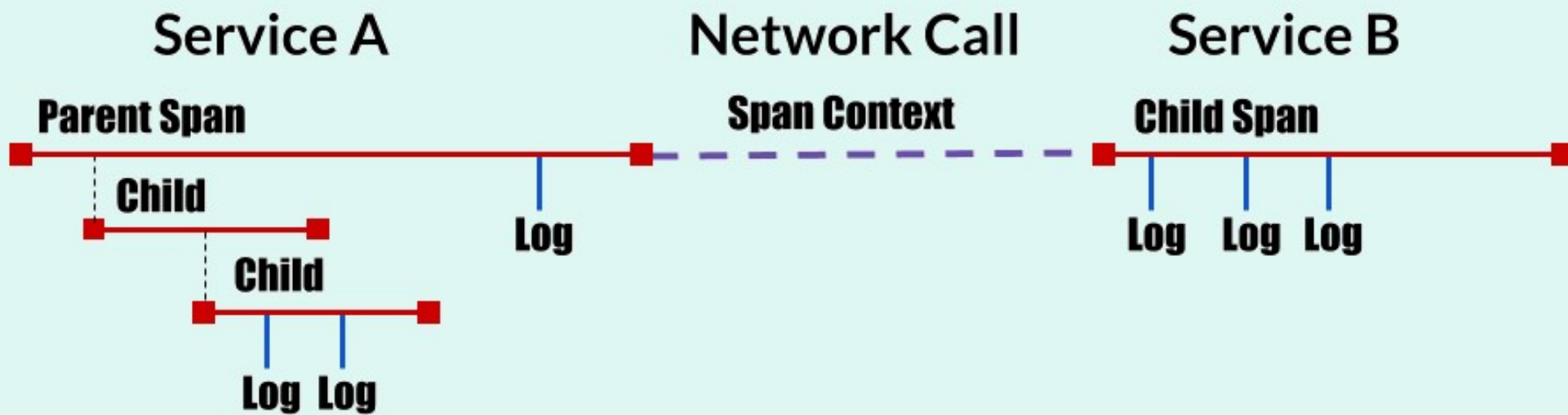


Open Census

=



Open Telemetry



nova  
net

```
public static IWebHostBuilder CreateWebHostBuilder(string[] args) ⇒  
    WebHost.CreateDefaultBuilder(args)  
        .ConfigureServices(services ⇒  
        {  
            // Enables and automatically starts the instrumentation!  
            services.AddOpenTracing();  
        })  
        .UseStartup<Startup>();
```



JAEGER

nova  
net

```
services.AddSingleton<ITracer>(serviceProvider =>
{
    var serviceName = serviceProvider.GetRequiredService<IHostingEnvironment>().ApplicationName;

    // This will log to a default localhost installation of Jaeger.
    var tracer = new Tracer.Builder(serviceName)
        .WithSampler(new ConstSampler(sample: true))
        .Build();

    // Allows code that can't use DI to also access the tracer.
    GlobalTracer.Register(tracer);

    return tracer;
});
```

nova  
net

DEMO

- <https://opentracing.io>
- <https://opentelemetry.io/>
- <https://www.jaegertracing.io/>