Outcome chaos strategy cheat sheet



Basics

This reactive chaos **strategy injects outcome(s)** (result and/or Exception) to simulate an unexpected response.

You can configure the behaviour of the strategy via the **ChaosOutcomeStrategyOptions<T>** object.

Specify single result - short form

Specify single result – long form

Specify multiple results with switch expression

Specify multiple results and an exception with OutcomeGenerator

```
new ResiliencePipelineBuilder<HttpResponseMessage>()
   .AddChaosOutcome(new ChaosOutcomeStrategyOptions<HttpResponseMessage>{
     OutcomeGenerator = new OutcomeGenerator<HttpResponseMessage>()
        .AddResult(() => new
HttpResponseMessage(HttpStatusCode.InternalServerError), weight: 40)
        .AddResult(() => new
HttpResponseMessage(HttpStatusCode.RequestTimeout), weight: 50)
        .AddException(() => new
HttpRequestException(HttpRequestError.ConnectionError), weight: 10),
})
```

Specify asynchronous delegate for injection notification

```
new ResiliencePipelineBuilder<HttpResponseMessage>()
   .AddChaosOutcome(new ChaosOutcomeStrategyOptions<HttpResponseMessage>
   {
     OnOutcomeInjected = static async args => await NotifyAsync(args.Outcome)
})
```