

In chapter18NRT\_Classes.sc, VSO\_ADR generates a runtime error if initialized without a duration:

ERROR: Message '-' not understood.

The reason for this error is that the `initVSO_ADR` method calls `decayDur`, and `decayDur` tries to subtract the sum of `attackDur` and `releaseDur` from `totalDur`. `totalDur` is assigned the value the user passes in as duration in `initVSO_ADR`. If duration is `nil`, we try to subtract the sum of `attackDur` and `releaseDur` from `nil`. `nil` doesn't implement '-', hence the error.

A partial solution is to replace the following line in `initVSO_ADR`:

```
totalDur = dur;
```

with

```
totalDur = dur ?? {attackDur + releaseDur};
```

A better solution might be to simply rewrite `VSO_ADR` so that `totalDur` is calculated rather than `decayDur`.