

Úvodní stránka

LEDEN 2025

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Hledat

NEXT STEPS

1 Created a simple Console DSL

2 Upgraded our DSL to a GADT

3 Outfitted our DSL with Sequential Composition

4 Add additional "operations"

```
enum Console[A]:  
  case PrintLine(message: String) extends Console[Unit]  
  case ReadLine extends Console[String]  
  case GetTime extends Console[LocalDateTime]  
  case Env[R]() extends Console[R]  
  case AndSoOn extends Console[Unit]  
  case AndSoForth extends Console[Unit]  
  case UntilHeatDeath extends Console[Unit]  
  case FlatMap[A, B](console: Console[A], f: A => Console[B]) extends Console[B]  
  case Value[A](value: A) extends Console[A]
```

2024

Odebírat

4

Sdílet

Klip

Uložit

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
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ÚNOR 2025

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Hledat

```
enum Console[A]:
  case PrintLine(message: String) extends Console[Unit]
  case ReadLine extends Console[String]

def handleConsole(console: Console[A]): A =
  console match
    case PrintLine(message) => println(message)
    case ReadLine           => StdIn.readLine()

enum Kyo[A]:
  case Embed[Operation[_]] A(op: Operation[A]) extends Kyo[A]
  case FlatMap[A, B](kyo: Kyo[A], f: A => Kyo[B]) extends Kyo[B]
  case Value[A](value: A) extends Kyo[A]

def handle[A](kyo: Kyo[A]): A =
  kyo match
    case FlatMap(kyo, f)    => ???
    case Value(value)      => ???

val program =
  FlatMap(
    Embed(ReadLine),
    name => Embed(PrintLine(s"I've always loved you, $name."))
  )
```

2024

Odebírat

4

Sdílet

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Uložit

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
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BŘEZEN 2025

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DUBEN 2025

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KVĚTEN 2025

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ČERVEN 2025

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ČERVENEC 2025

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SRPEN 2025

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ZÁŘÍ 2025

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ŘÍJEN 2025

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LISTOPAD 2025

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PROSINEC 2025

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