

Laziness in GHC Haskell

The features and principles

Presented by chip

ZJU Lambda
From here to World

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Contents



Some examples

```
module Codewars.G964.DblLinear where
```

```
dblLinear :: Int -> Integer
```

```
dblLinear = (dbls !!)
```

```
where
```

```
    dbls = 1 : merge ys zs
```

```
    ys = map ((1+) . (2*)) dbls
```

```
    zs = map ((1+) . (3*)) dbls
```

```
    merge a@(x:xs) b@(y:ys)
```

```
        | x == y      = x : merge xs ys
```

```
        | x < y       = x : merge xs b
```

```
        | otherwise = y : merge a  ys
```

Listing 1: Example of a listing.



Contents



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