Let's Write a Lambda Calculus in Haskell

@mjgpy3

1 mjgpy3/presentations

WHO AM I ?

Michael Gilliland @mjgpy3

Matrix Solutions

 λ 2-3 years

What is the Z Lambda Cakulus?

Alonzo Church

Alonzo Church

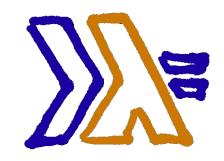
function - centric

Alonzo Church

function - centric

"Simple"





Functions

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Functions

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Applications

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Functions

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Functions

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Functions

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Applications

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Examples

$\lambda_{x.x}$

$((\lambda x.\lambda y.x \lambda a.(aa)) \lambda b.b)$

$((\lambda x.\lambda y.x \lambda a.(aa)) \lambda b.b)$



$(\lambda x.\lambda y. \otimes \lambda a.(aa)) \lambda b.b$

λy.λa.(aa) λb.b



la. (aa)

Code Time