

Types, inference, and F# data types

The INFDEV@HR Team

Introduction

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Hogeschool Rotterdam Rotterdam, Netherlands



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Types, inference, and F# data types

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$$\Lambda \alpha \Rightarrow (\lambda (t : \alpha) (f : \alpha) \rightarrow t)$$

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$$\Lambda \alpha \Rightarrow (\lambda(\mathbf{t}:\alpha) (\mathbf{f}:\alpha) \rightarrow \mathbf{t})$$

$$\Lambda \alpha \Rightarrow (\lambda(\mathsf{t}:\alpha) \ (\mathsf{f}:\alpha) \to \mathsf{t})$$



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$$|\Lambda \alpha \Rightarrow (\lambda(\mathsf{t}:\alpha) \ (\mathsf{f}:\alpha) \to \mathsf{t})$$

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$$\Lambda \alpha \Rightarrow (\lambda(t:\alpha) (f:\alpha) \rightarrow \alpha)$$



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$$\Lambda\alpha{\Rightarrow}\,(\lambda\,({\,{\tt t}\,:}\alpha)\quad({\,{\tt f}\,:}\alpha)\,{\rightarrow}\alpha)$$

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$$\Lambda \alpha \Rightarrow (\lambda (t : \alpha) \rightarrow (\alpha \rightarrow \alpha))$$



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$$\Lambda \alpha \Rightarrow (\lambda(\mathsf{t}:\alpha) \to (\alpha \to \alpha))$$

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$$\Lambda \alpha \Rightarrow (\alpha \rightarrow \alpha \rightarrow \alpha)$$

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$$\Lambda \alpha \Rightarrow (\alpha \rightarrow \alpha \rightarrow \alpha)$$

$$(\forall \alpha \Rightarrow (\alpha \rightarrow \alpha \rightarrow \alpha))$$



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$$(\forall \alpha \Rightarrow (\alpha \rightarrow \alpha \rightarrow \alpha))$$

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$$(\forall \alpha \Rightarrow (\alpha \rightarrow \alpha \rightarrow \alpha))$$

Boolean



This is it!

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The best of luck, and thanks for the attention!