

WL Fundamentals, 2pm

June 20, 2017

Wolfram Summer School 2017

Agenda

1. Agenda item
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1 Structure

Everything in the WL is an expression.

1.1 Expressions

1.1.1 Atomic Expressions

1. Integer
2. Real
3. String
4. Symbol
5. Rational
6. Complex

1.1.2 Normal Expressions

1. Head and body – e.g., `f[x]`
2. The body may be empty – e.g., `f[]`
3. The head may itself be a normal expression – e.g., `f[t][x]`

1.1.3 Compound Atomic Expressions

1. SparseArray
2. Association

3. Dataset
4. Graph

1.2 Notation Style

1. FullForm
2. Prefix
3. Infix
4. Postfix