**NMATH**

**Build AST**

Expression

Domain

For convenience, below rules shall be applied in processing interval domain.

* Variables are always on the left children.

Interval 1

The NMAST for above interval will look like:

Type: **GT\_LT | GTE\_LT | GT\_LTE | GTE\_LTE**

Variable: **x**

Type: **NUMBER | PI\_TYPE | E\_TYPE**

Value: left\_bound

Type: **NUMBER | PI\_TYPE | E\_TYPE**

Value: right\_bound

For example:

Interval 2

Type: **GT\_LT | GTE\_LT | GT\_LTE | GTE\_LTE**

Variable: **x**

Type: **NUMBER | PI\_TYPE | E\_TYPE**

Value: left\_bound

Type: **NUMBER | PI\_TYPE | E\_TYPE**

Value: right\_bound

API Specification

|  |  |  |
| --- | --- | --- |
| **Return type** | **Prototype** | **Description** |
| Void | buildCompositeCriteria(NMAST \*ast, void \*\*outCriteria) | Convert a NMAST tree into CompositeCriteria. |
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