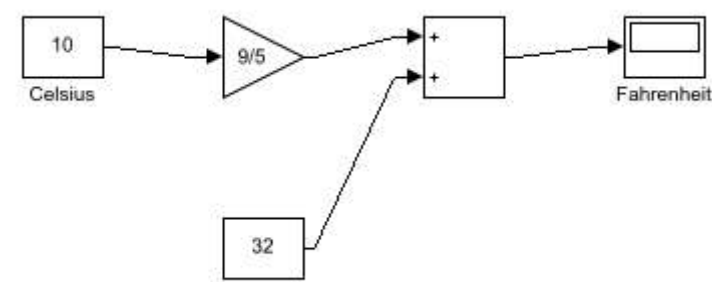


C_to_F



ASUS

20-Dec-2020 23:24:28

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Model - C_to_F

Full Model Hierarchy

- [C_to_F](#)

| Simulation Parameter | Value |
|----------------------|------------------|
| Solver | VariableStepAuto |
| RelTol | 1e-3 |
| Refine | 1 |
| MaxOrder | 5 |
| ZeroCross | on |

[\[more info\]](#)

System - C_to_F

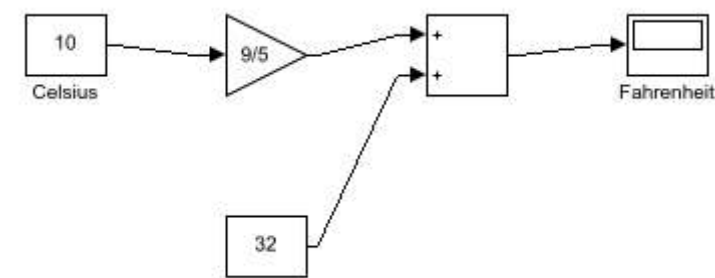


Table 1. Constant Block Properties

| Name | Value | Out Data Type Str | Lock Scale | Sample Time | Frame Period |
|-----------|-------|--|------------|-------------|--------------|
| Celsius | 10 | Inherit: Inherit from 'Constant value' | off | inf | inf |
| Constant1 | 32 | Inherit: Inherit from 'Constant value' | off | inf | inf |

Table 2. Display Block Properties

| Name | Format | Decimation | Floating |
|------------|--------|------------|----------|
| Fahrenheit | short | 1 | off |

Table 3. Gain Block Properties

| Name | Gain | Multiplication | Param Data Type Str | Out Data Type Str | Lock Scale | Rnd Meth | Saturate On Integer Overflow |
|------|------|--------------------|------------------------------------|------------------------------------|------------|----------|------------------------------|
| Gain | 9/5 | Element-wise(K.*u) | Inherit: Inherit via internal rule | Inherit: Inherit via internal rule | off | Floor | off |

Table 4. Sum Block Properties

| Name | Icon Shape | Inputs | Collapse Mode | Collapse Dim | Input Same DT | Accum Data Type Str | Out Data Type Str | Lock Scale | Rnd Meth | Saturate On Integer Overflow |
|------|-------------|--------|----------------|--------------|---------------|------------------------------------|------------------------------------|------------|----------|------------------------------|
| Add | rectangular | ++ | All dimensions | 1 | off | Inherit: Inherit via internal rule | Inherit: Inherit via internal rule | off | Floor | off |

Appendix

Table 5. Block Type Count

| BlockType | Count | Block Names |
|-----------|-------|---|
| Constant | 2 | Celsius , Constant1 |
| Sum | 1 | Add |
| Gain | 1 | Gain |

| BlockType | Count | Block Names |
|-----------|-------|----------------------------|
| Display | 1 | Fahrenheit |