Modularizing a  
DO178-Compliant Helicopter  
Simulink System

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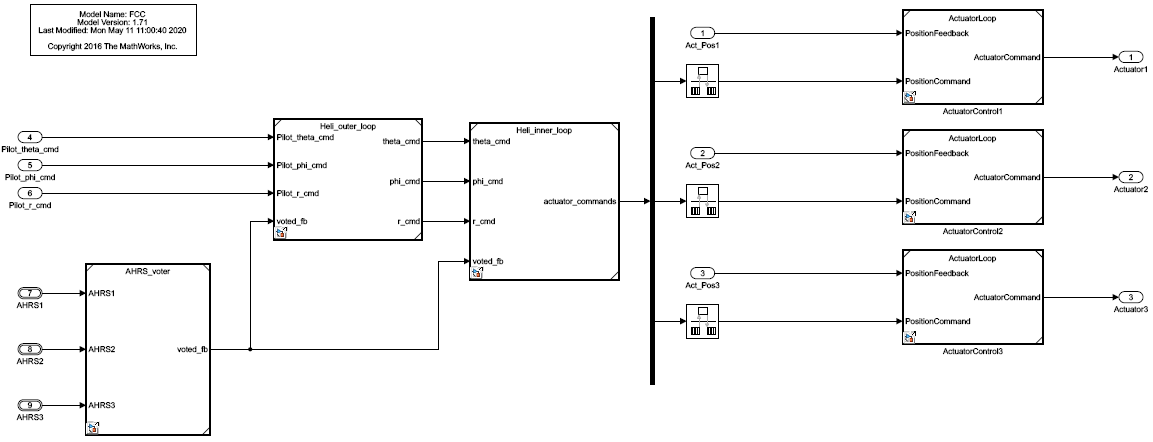
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# Summary of Changes

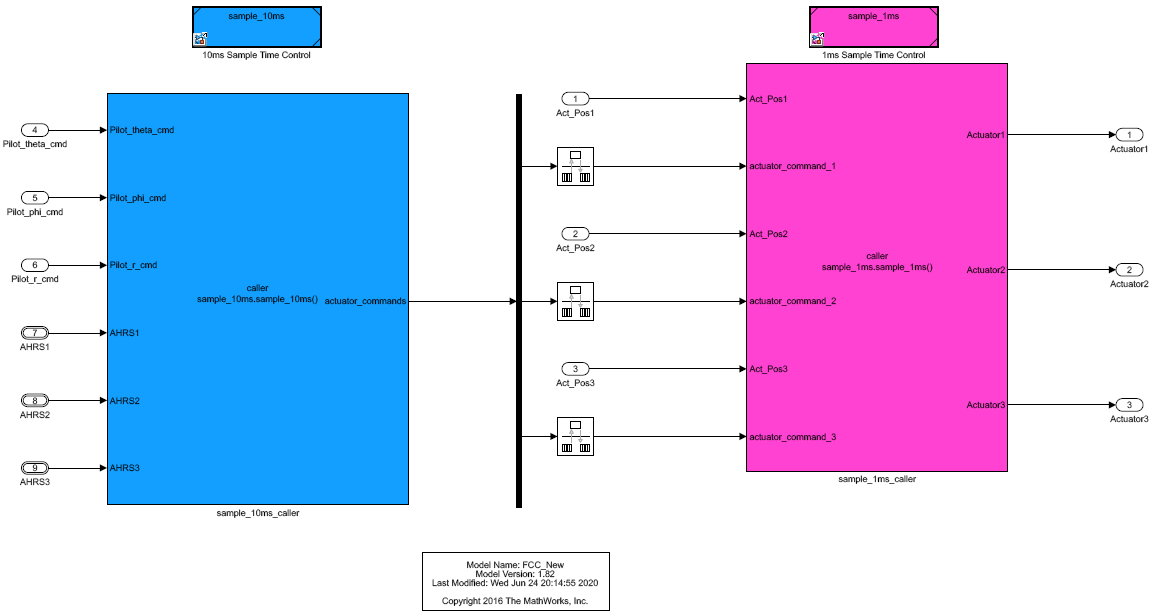
* Filter Simulink Function was called 3 times which is why Function Callers is 2 greater than Simulink Functions

|  |  |  |  |
| --- | --- | --- | --- |
| **Block** | **Original** | **New** | **Difference** |
| Model References | 6 | 2 | -4 |
| Library Links | 3 | 0 | -3 |
| Simulink Functions | 0 | 19 | +19 |
| Function Callers | 0 | +21 | +21 |

### Original Design



### New Design



Intentionally left blank

# Verification

## Notes

## Original Model

## New Model

## Verification Model

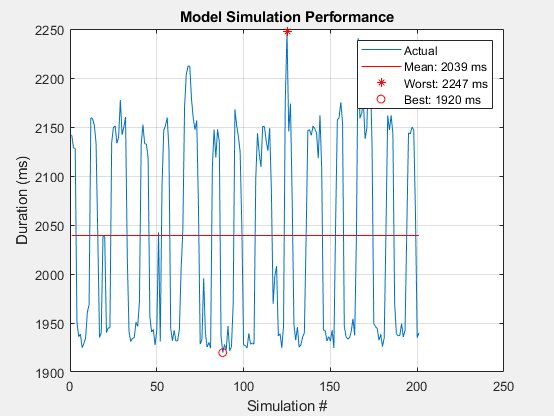
## Conclusion

Intentionally left blank

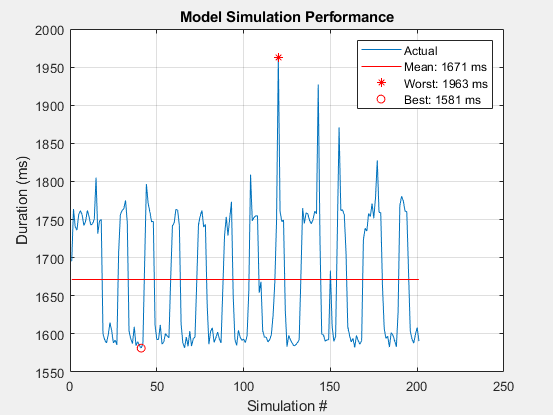
# Analysis

## Model Execution Time Comparison

### Original



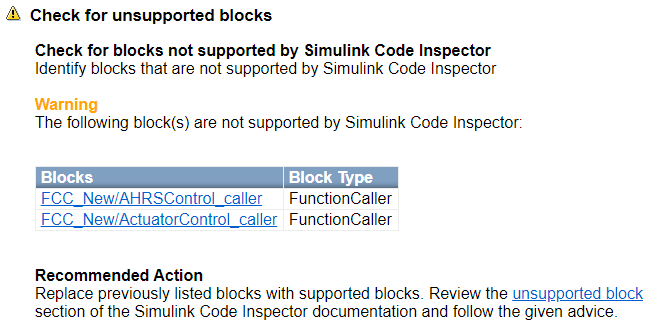
### New

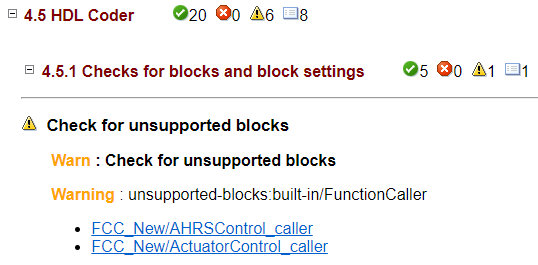


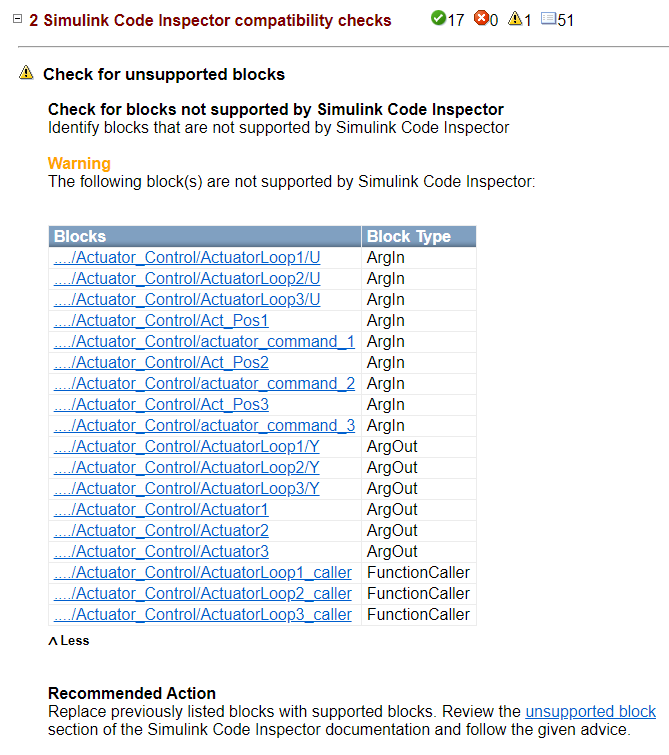
## Model Metrics

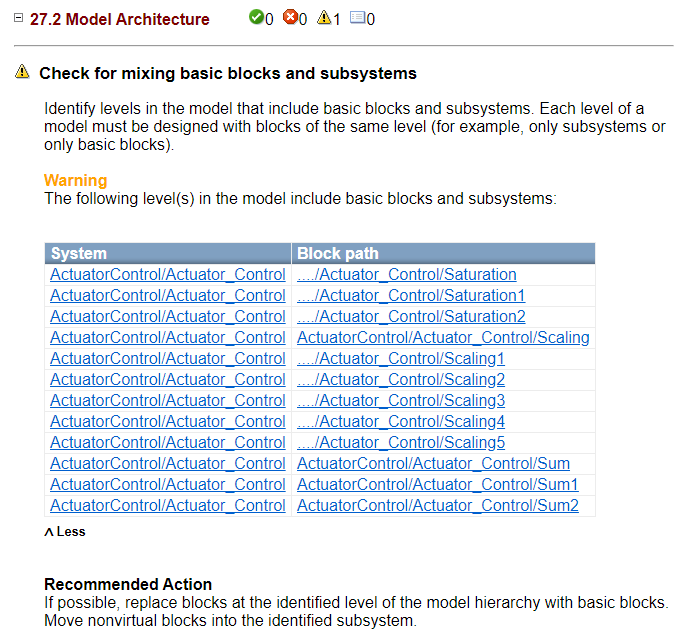
### Modelling Guideline Compliance

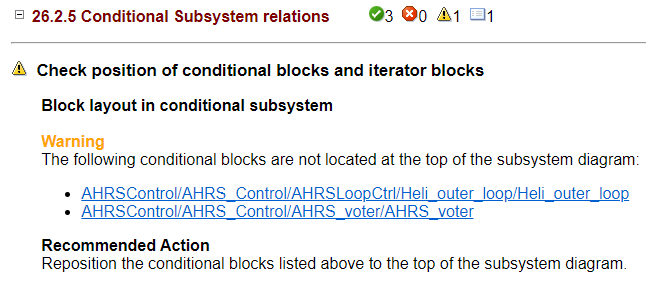
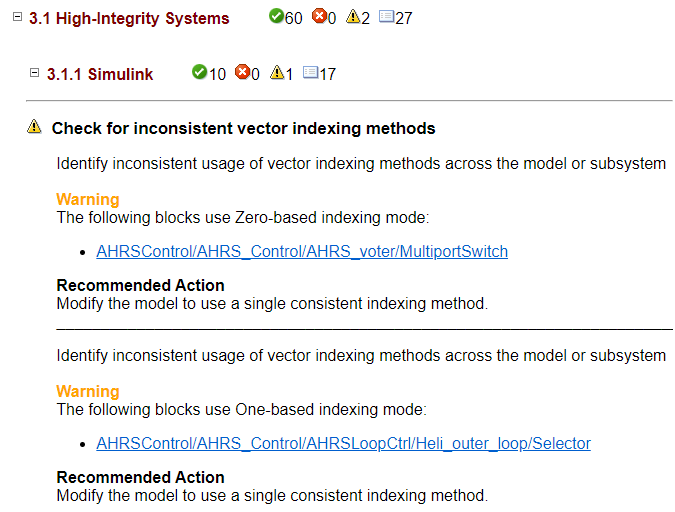
### Notes



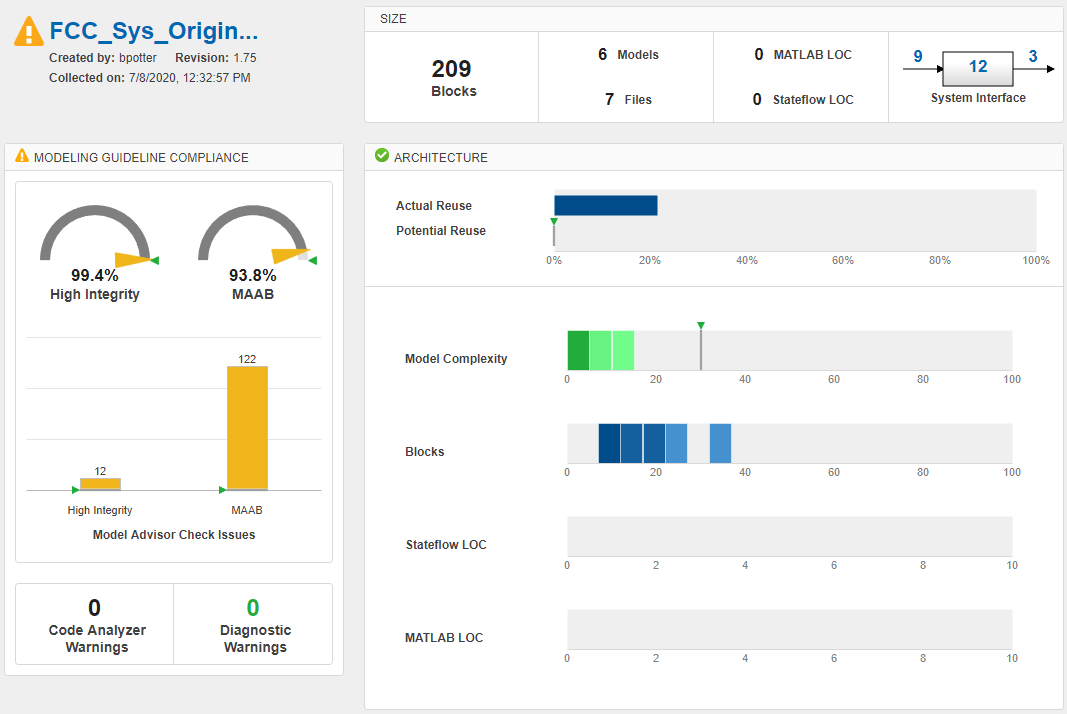








#### Original



#### New

