

Class Diagrams for Application `tbischeduling`

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Abstract

This document shows the object model for the `tbischeduling` application.

Contents

1 Overview	4
2 AbstractDataGeneratorProperty	8
3 AbstractSolverProperty	9
4 ApplicationDataset	10
5 ApplicationDifference	11
6 ApplicationObject	12
7 ApplicationWarning	13
8 CumulativeNeed	14
9 CumulativeProfile	15
10 CumulativeResource	16
11 DataGeneratorProperty	17
12 DataGeneratorRun	18
13 DisjunctiveResource	19
14 Downtime	20
15 InputError	21
16 IntermediateSolution	22
17 Job	23
18 JobAssignment	24
19 Order	25
20 Problem	26
21 Process	27
22 ProcessSequence	28
23 ProcessStep	29
24 Product	30
25 ResourceActivity	31
26 ResourceNeed	32

27 ResourceUtilization	33
28 Scenario	34
29 Solution	35
30 SolutionError	36
31 SolverProperty	37
32 SolverRun	38
33 Task	39
34 TaskAssignment	40
35 WiP	41

1 Overview

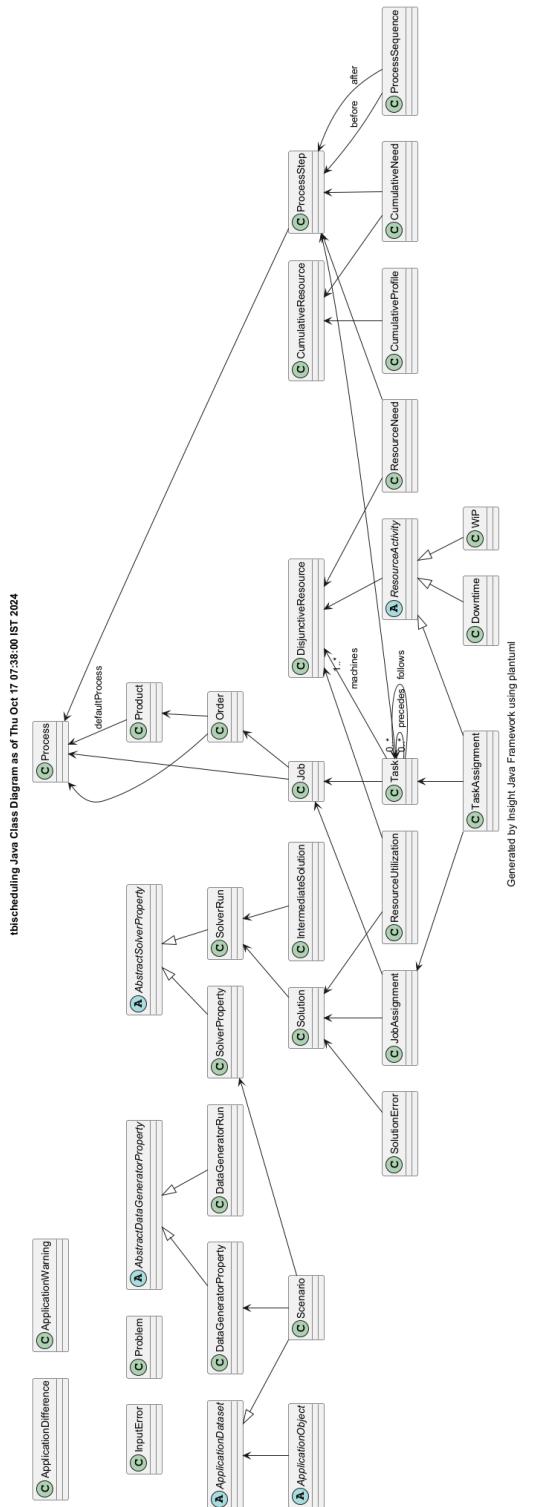


Figure 1: Compact Class Diagram

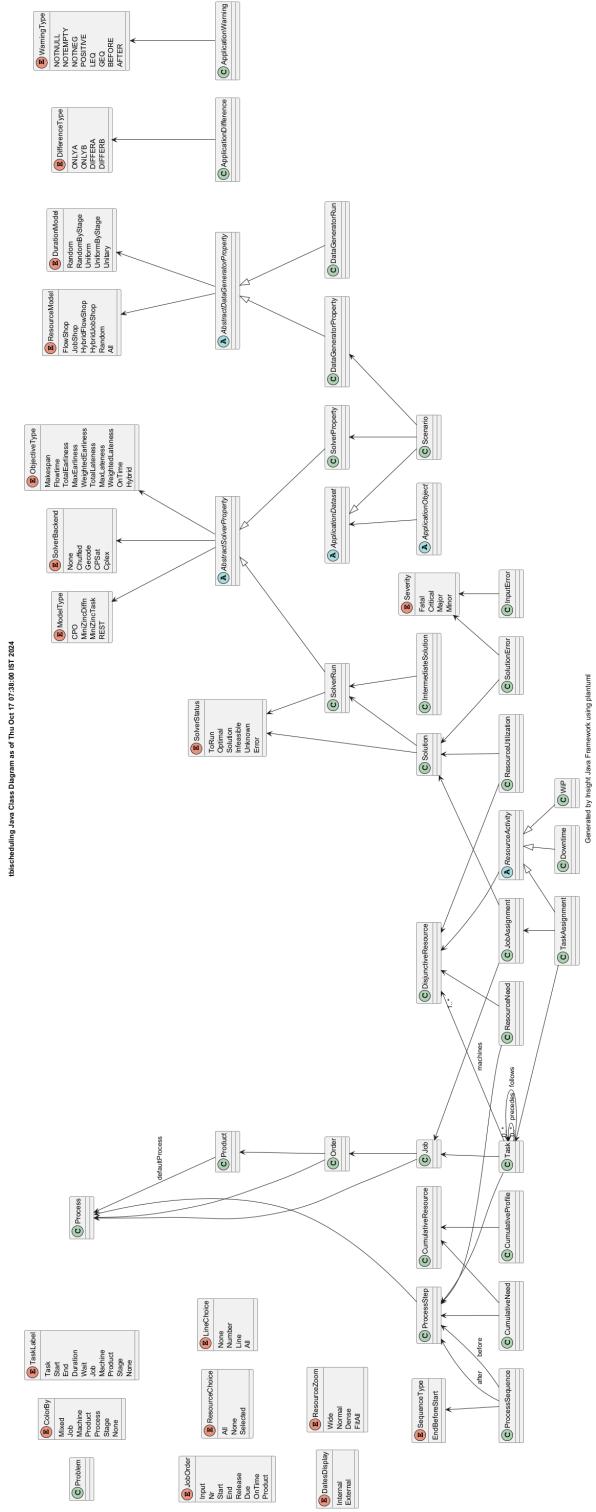


Figure 2: Default Class Diagram

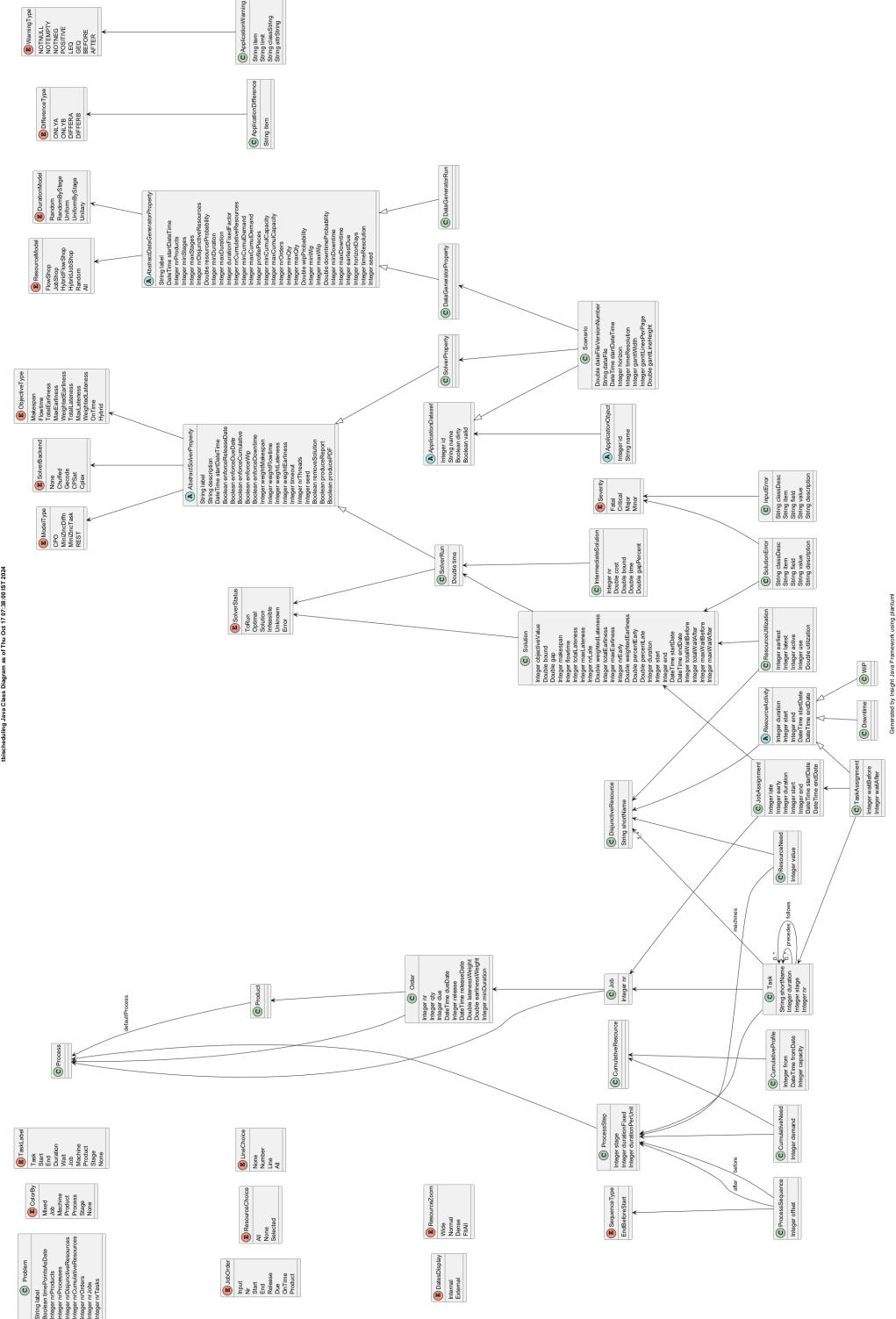


Figure 3: Full Class Diagram

2 AbstractDataGeneratorProperty

Class AbstractDataGeneratorProperty of application tbischeduling as of Thu Oct 17 07:38:00 IST 2024

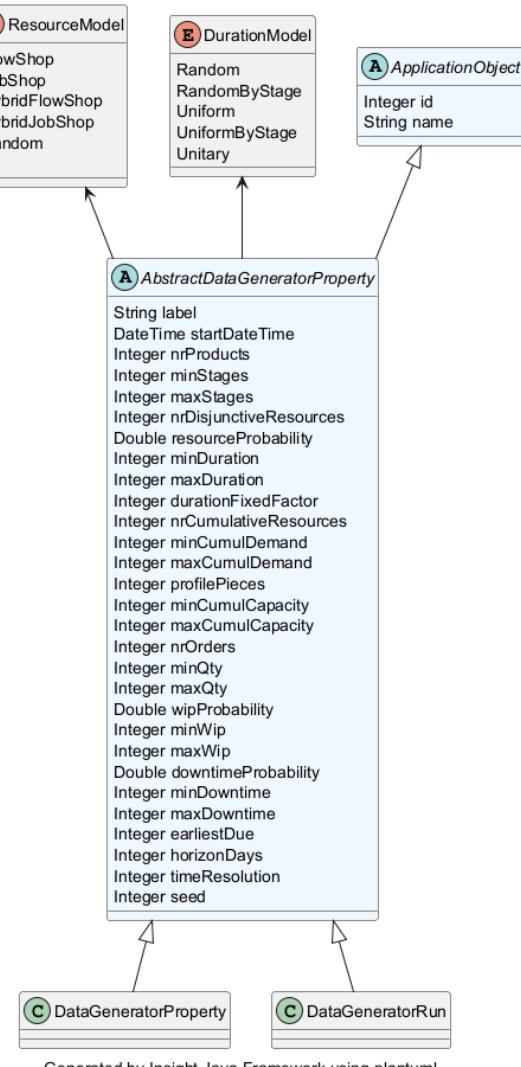


Figure 4: Class Diagram for Class `AbstractDataGeneratorProperty`

3 AbstractSolverProperty

Class AbstractSolverProperty of application tbischeduling as of Thu Oct 17 07:38:00 IST 2024

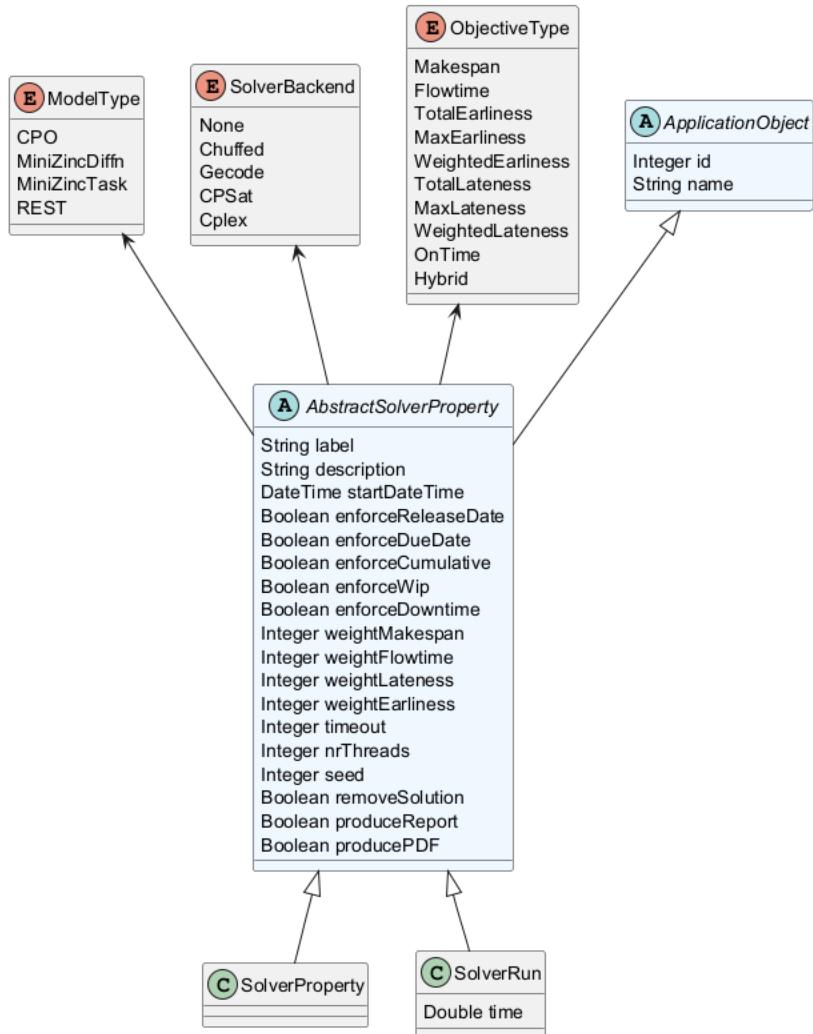
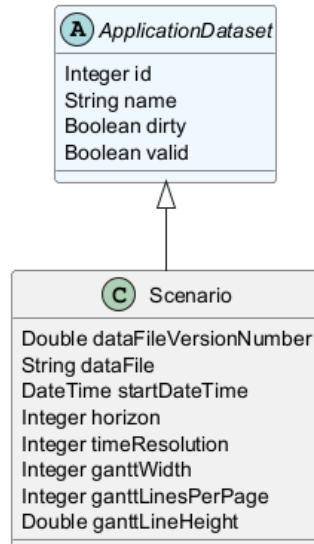


Figure 5: Class Diagram for Class `AbstractSolverProperty`

4 ApplicationDataset

Class ApplicationDataset of application tbischeduling as of Thu Oct 17 07:38:00 IST 2024

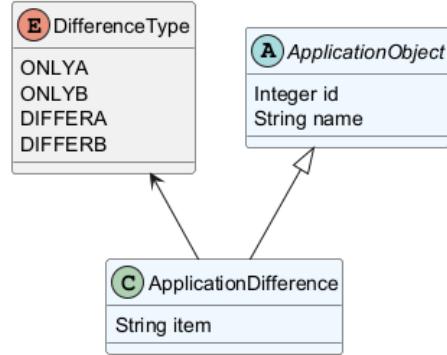


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Figure 6: Class Diagram for Class ApplicationDataset

5 ApplicationDifference

Class ApplicationDifference of application tbischeduling as of Thu Oct 17 07:38:00 IST 2024



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Figure 7: Class Diagram for Class ApplicationDifference

6 ApplicationObject

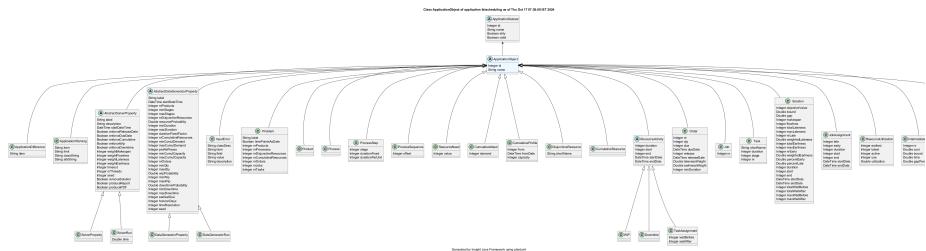
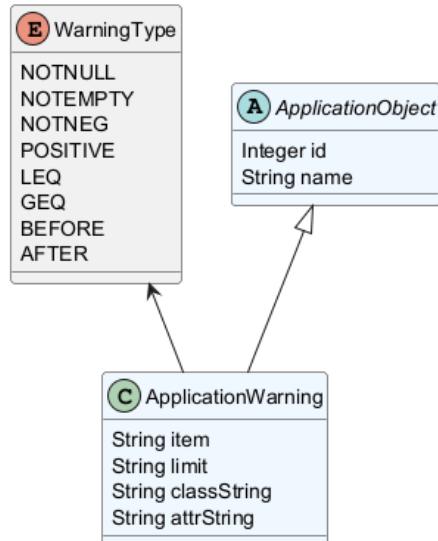


Figure 8: Class Diagram for Class ApplicationObject

7 ApplicationWarning

Class ApplicationWarning of application tbischeduling as of Thu Oct 17 07:38:00 IST 2024

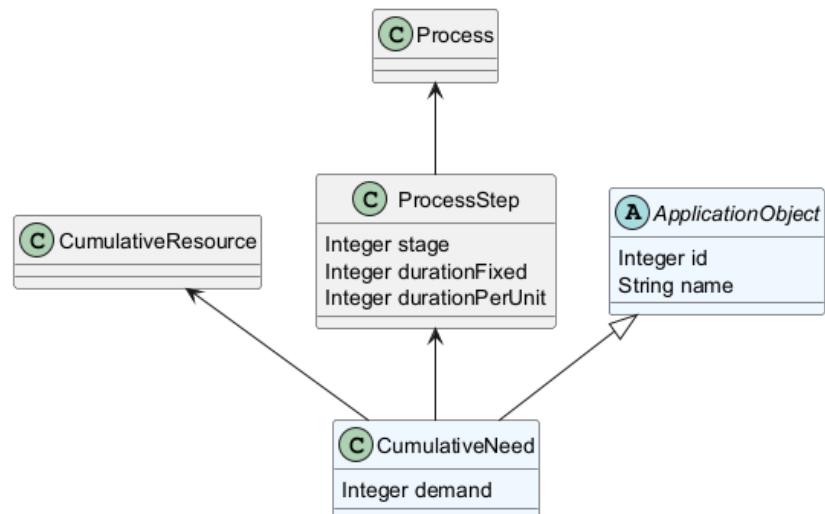


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Figure 9: Class Diagram for Class ApplicationWarning

8 CumulativeNeed

Class CumulativeNeed of application tbischeduling as of Thu Oct 17 07:38:00 IST 2024

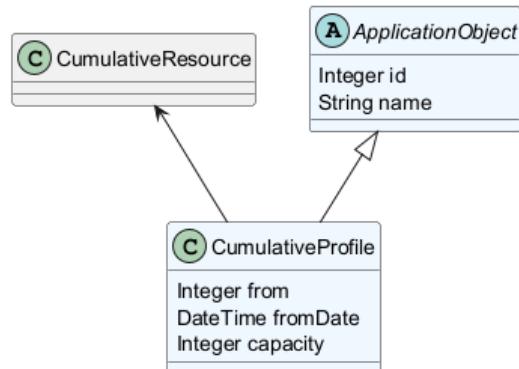


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Figure 10: Class Diagram for Class CumulativeNeed

9 CumulativeProfile

Class CumulativeProfile of application tbischeduling as of Thu Oct 17 07:38:00 IST 2024

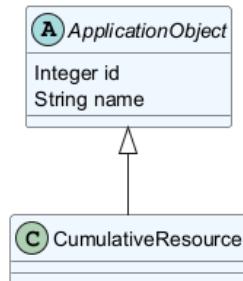


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Figure 11: Class Diagram for Class CumulativeProfile

10 CumulativeResource

Class CumulativeResource of application tbischeduling as of Thu Oct 17 07:38:00 IST 2024

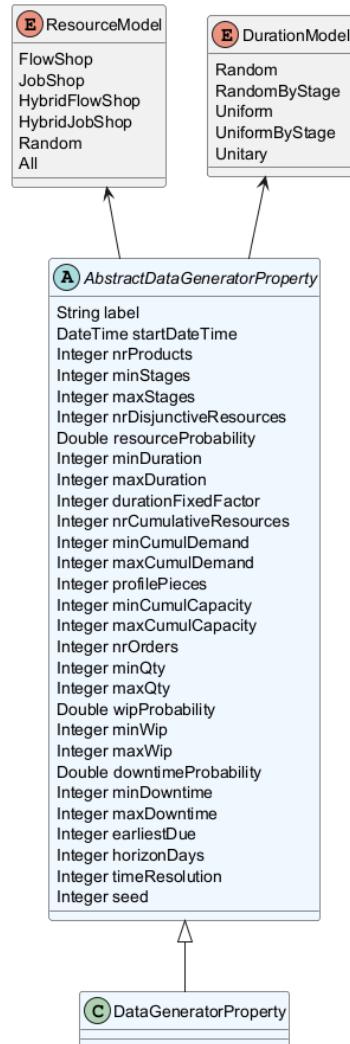


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Figure 12: Class Diagram for Class CumulativeResource

11 DataGeneratorProperty

Class DataGeneratorProperty of application tbischeduling as of Thu Oct 17 07:38:00 IST 2024



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Figure 13: Class Diagram for Class DataGeneratorProperty

12 DataGeneratorRun

Class DataGeneratorRun of application tgischeduling as of Thu Oct 17 07:38:00 IST 2024

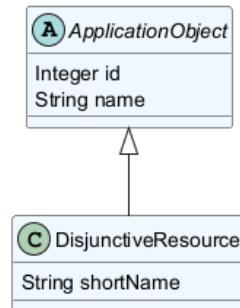


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Figure 14: Class Diagram for Class DataGeneratorRun

13 DisjunctiveResource

Class DisjunctiveResource of application tbischeduling as of Thu Oct 17 07:38:00 IST 2024

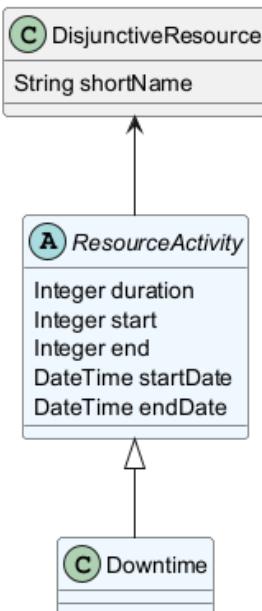


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Figure 15: Class Diagram for Class DisjunctiveResource

14 Downtime

Class Downtime of application tbischeduling as of Thu Oct 17 07:38:00 IST 2024

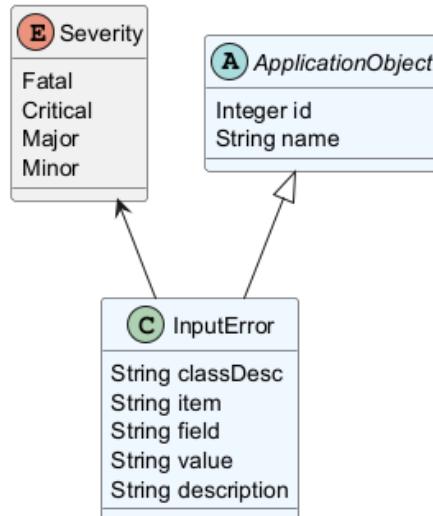


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Figure 16: Class Diagram for Class Downtime

15 InputError

Class InputError of application tbischeduling as of Thu Oct 17 07:38:00 IST 2024

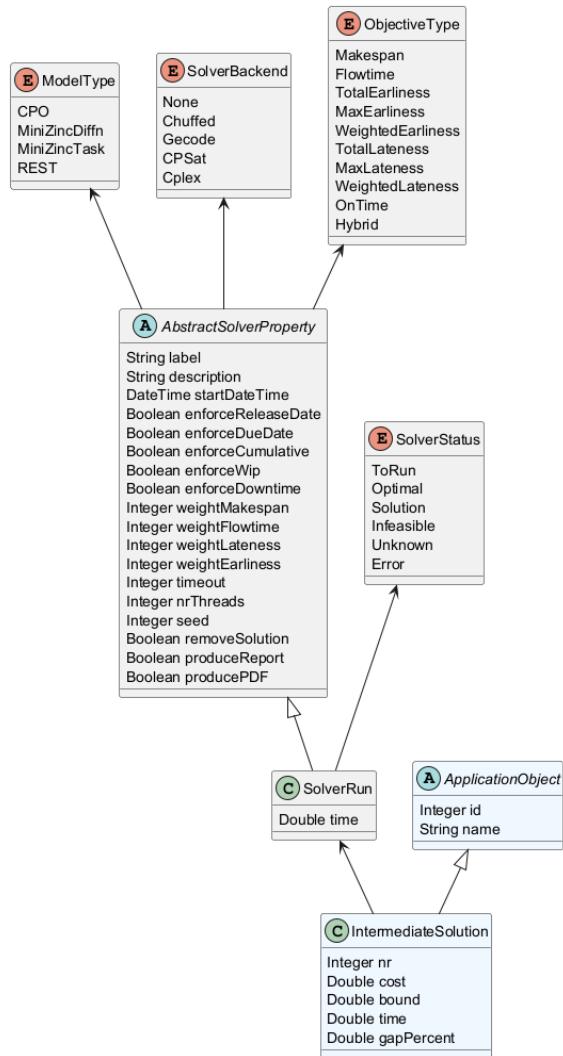


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Figure 17: Class Diagram for Class InputError

16 IntermediateSolution

Class IntermediateSolution of application tbischeduling as of Thu Oct 17 07:38:00 IST 2024

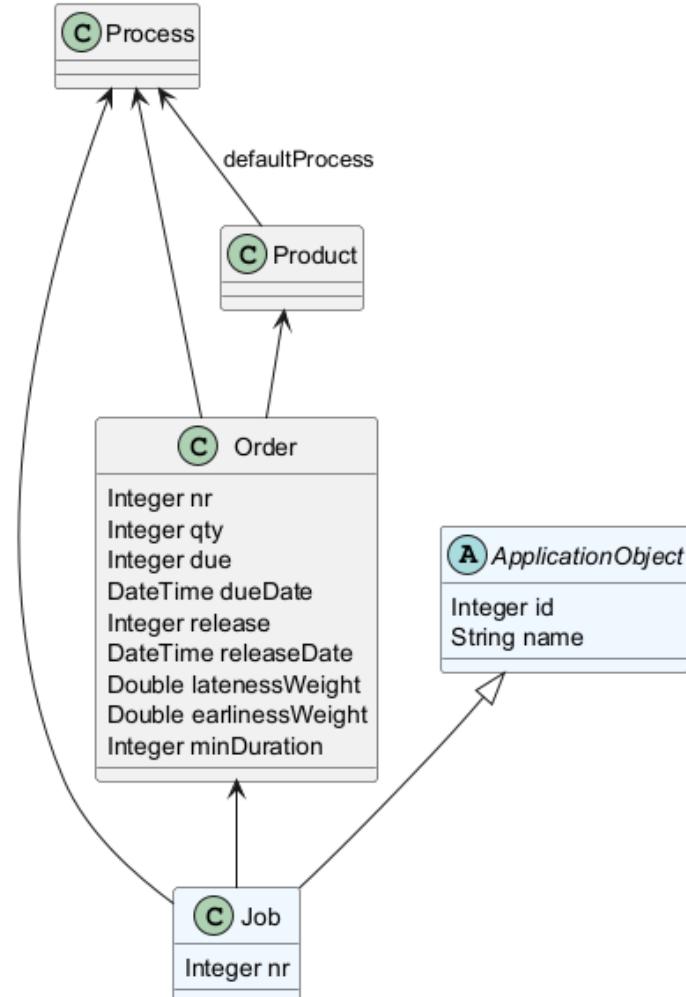


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Figure 18: Class Diagram for Class IntermediateSolution

17 Job

Class Job of application tbischeduling as of Thu Oct 17 07:38:00 IST 2024



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Figure 19: Class Diagram for Class Job

18 JobAssignment

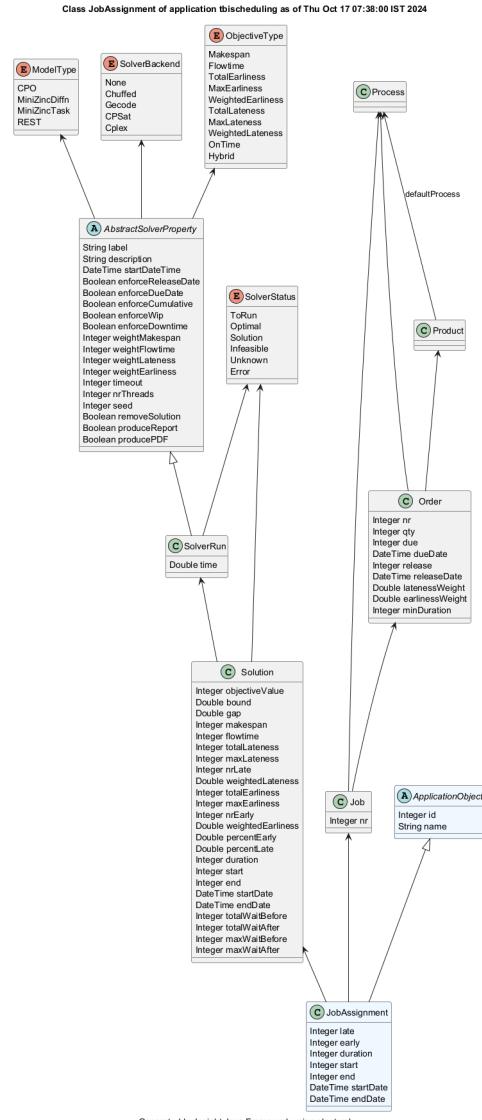
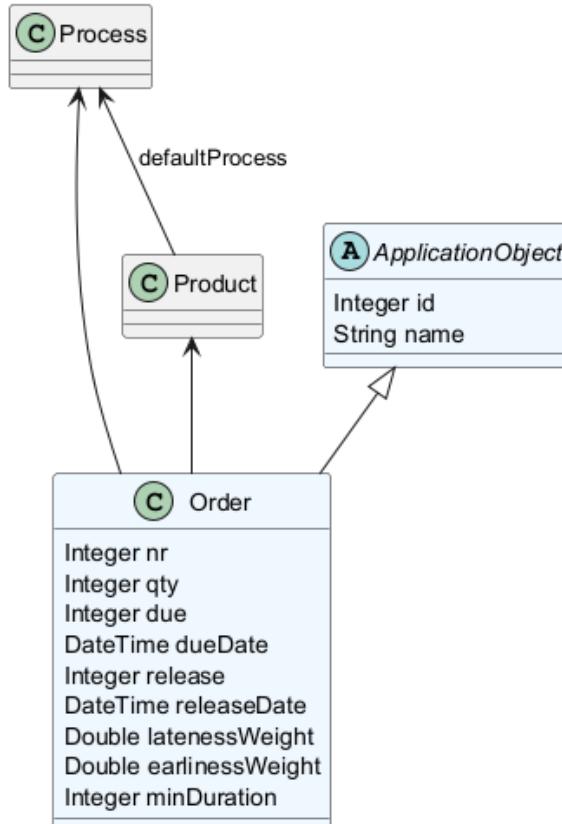


Figure 20: Class Diagram for Class JobAssignment

19 Order

Class Order of application tgischeduling as of Thu Oct 17 07:38:00 IST 2024

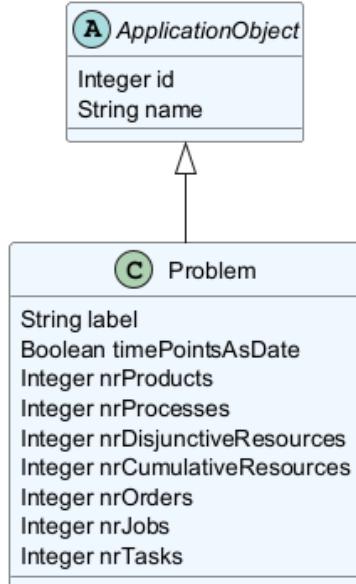


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Figure 21: Class Diagram for Class Order

20 Problem

Class Problem of application tgischeduling as of Thu Oct 17 07:38:00 IST 2024



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Figure 22: Class Diagram for Class Problem

21 Process

Class Process of application tgischeduling as of Thu Oct 17 07:38:00 IST 2024

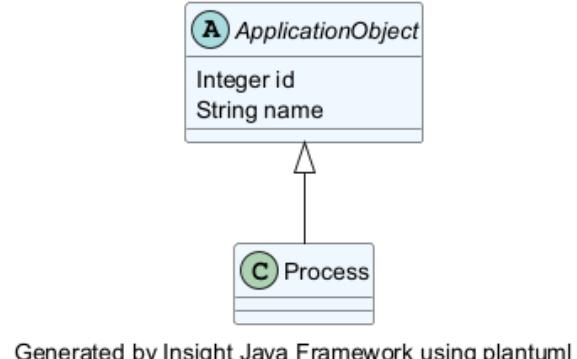
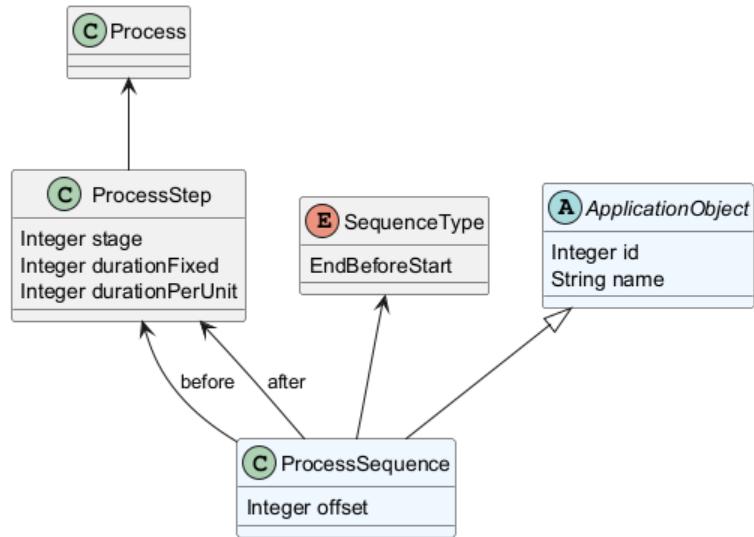


Figure 23: Class Diagram for Class Process

22 ProcessSequence

Class ProcessSequence of application tgischeduling as of Thu Oct 17 07:38:00 IST 2024

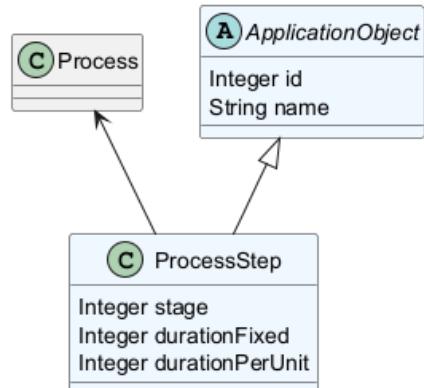


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Figure 24: Class Diagram for Class ProcessSequence

23 ProcessStep

Class ProcessStep of application tgischeduling as of Thu Oct 17 07:38:00 IST 2024

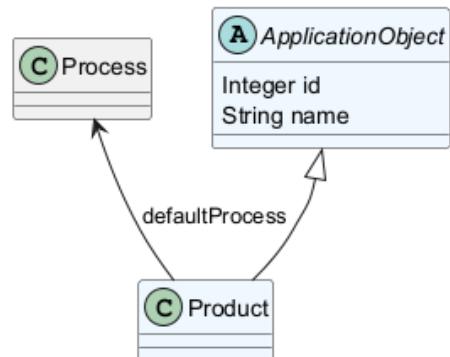


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Figure 25: Class Diagram for Class ProcessStep

24 Product

Class Product of application tbscheduling as of Thu Oct 17 07:38:00 IST 2024

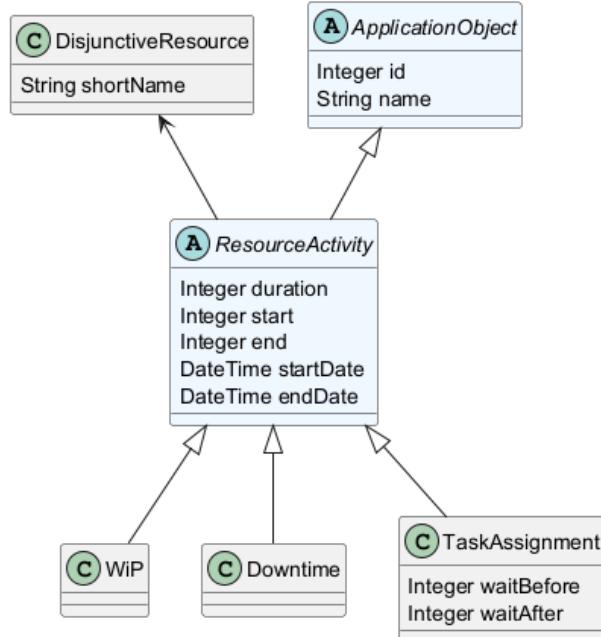


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Figure 26: Class Diagram for Class Product

25 ResourceActivity

Class ResourceActivity of application tbischeduling as of Thu Oct 17 07:38:00 IST 2024



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Figure 27: Class Diagram for Class ResourceActivity

26 ResourceNeed

Class ResourceNeed of application tbischeduling as of Thu Oct 17 07:38:00 IST 2024

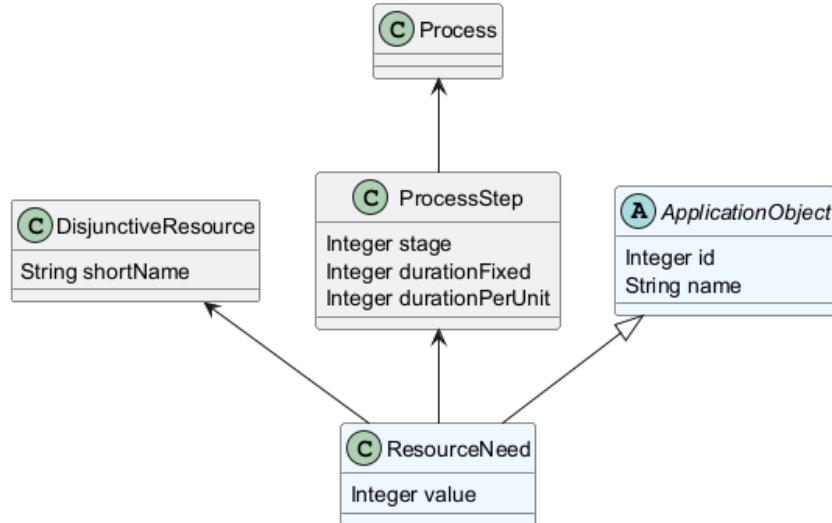


Figure 28: Class Diagram for Class ResourceNeed

27 ResourceUtilization

Class ResourceUtilization of application tbischeduling as of Thu Oct 17 07:38:00 IST 2024

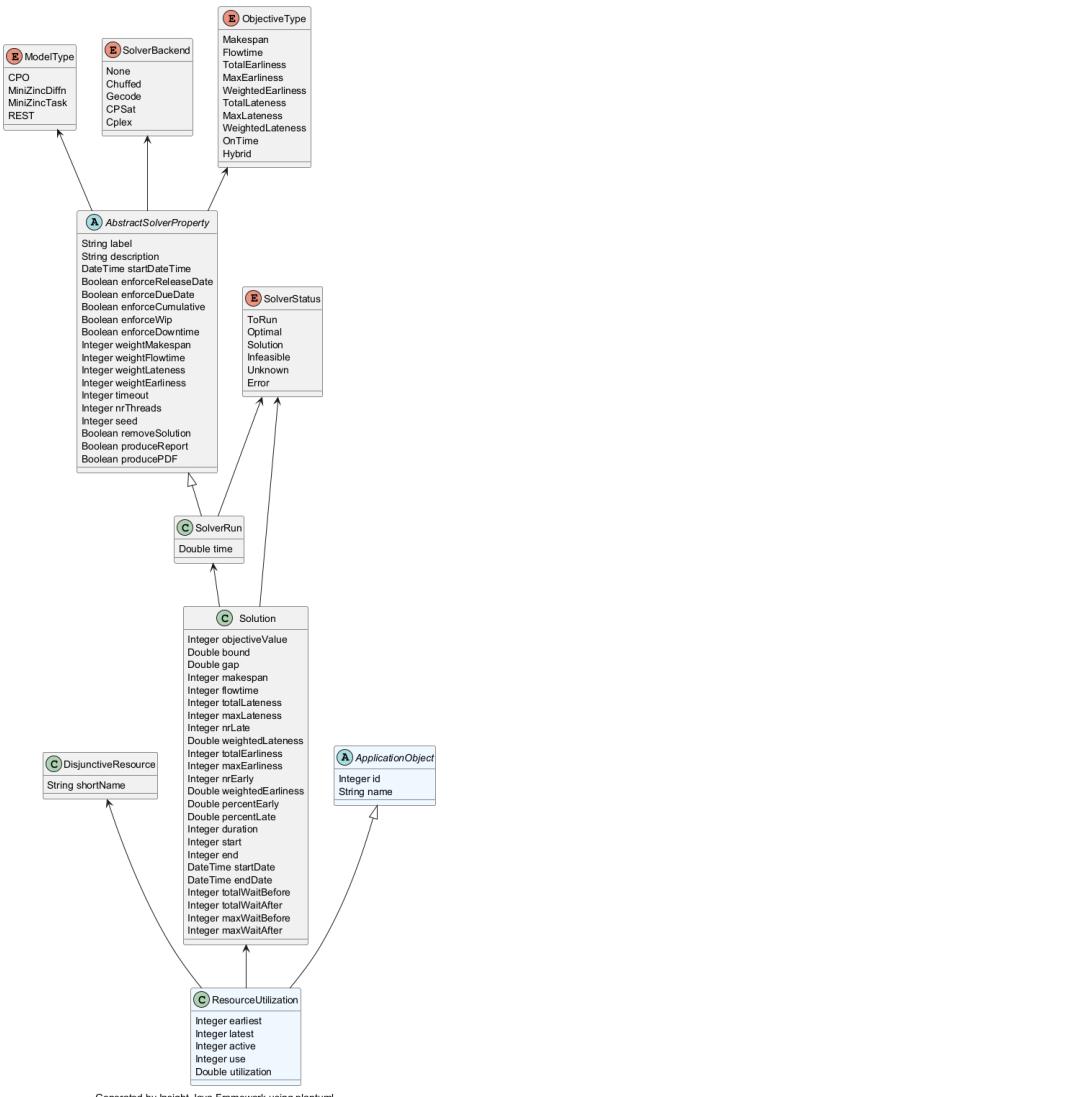


Figure 29: Class Diagram for Class ResourceUtilization

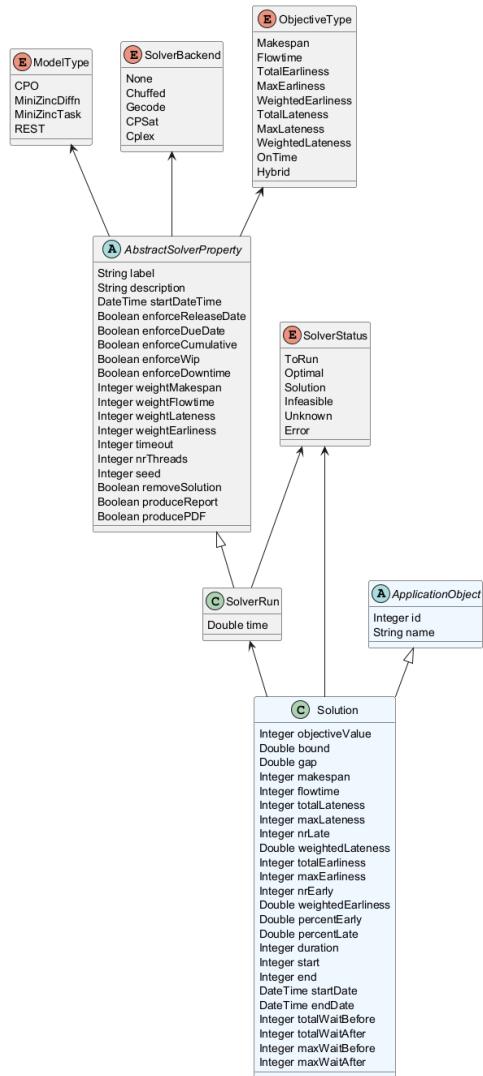
28 Scenario



Figure 30: Class Diagram for Class Scenario

29 Solution

Class Solution of application tbischeduling as of Thu Oct 17 07:38:00 IST 2024



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Figure 31: Class Diagram for Class Solution

30 SolutionError

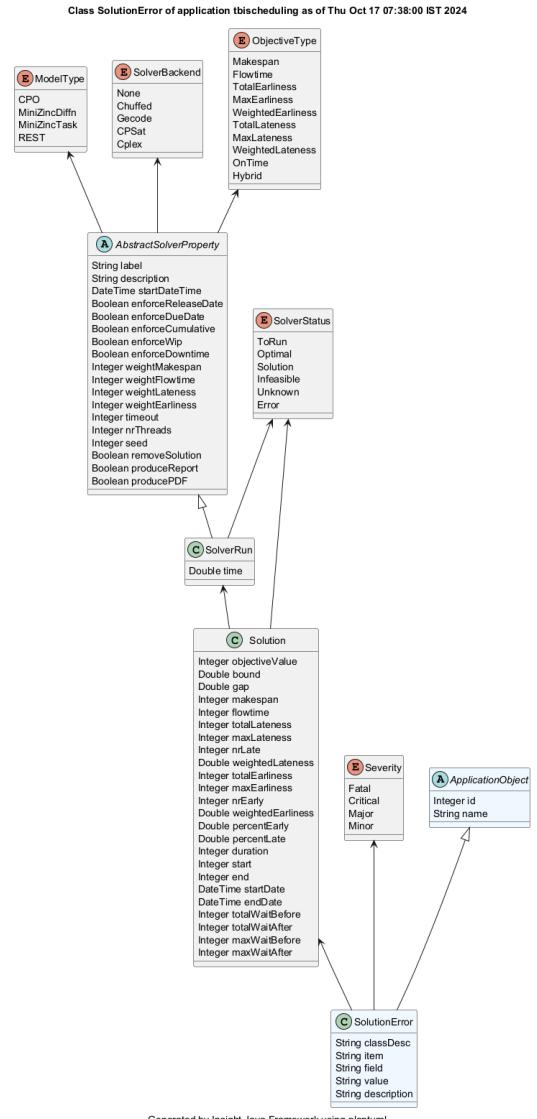
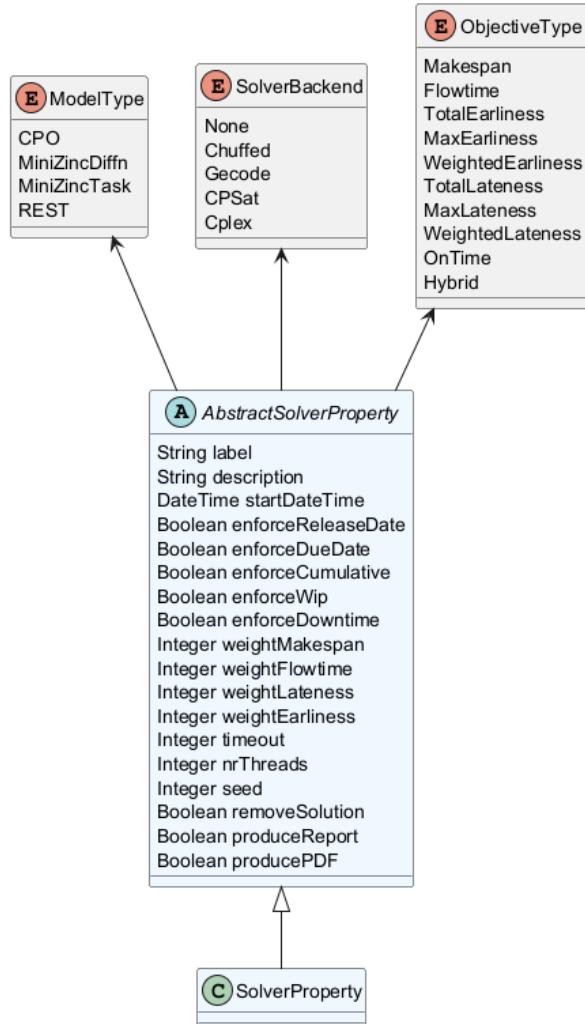


Figure 32: Class Diagram for Class SolutionError

31 SolverProperty

Class SolverProperty of application tbischeduling as of Thu Oct 17 07:38:00 IST 2024

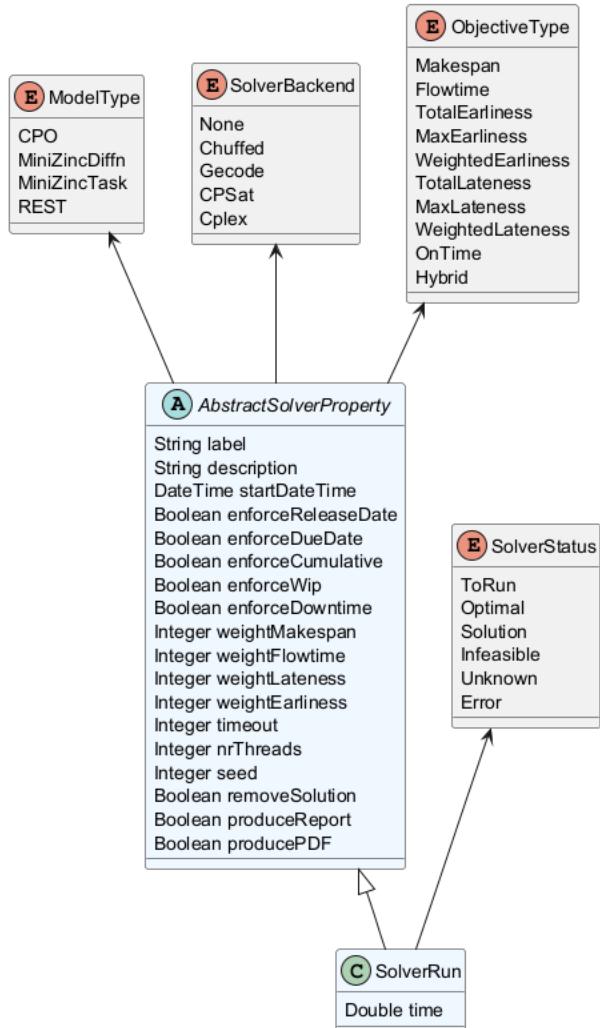


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Figure 33: Class Diagram for Class SolverProperty

32 SolverRun

Class SolverRun of application tbischeduling as of Thu Oct 17 07:38:00 IST 2024

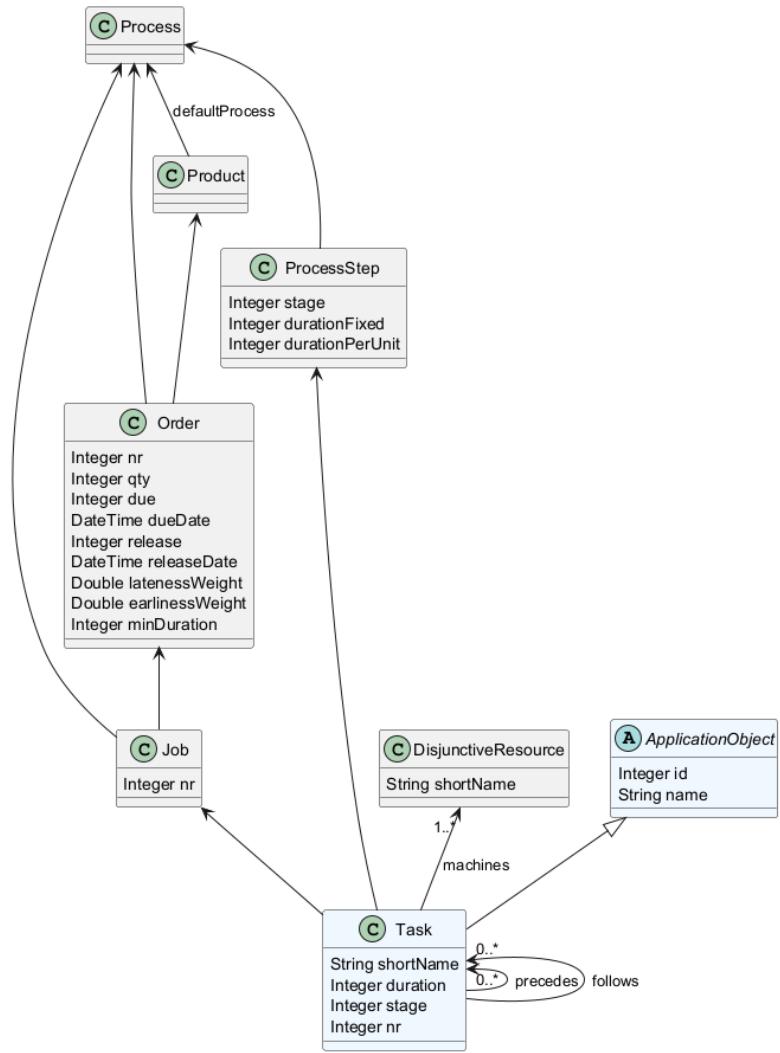


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Figure 34: Class Diagram for Class SolverRun

33 Task

Class Task of application tbischeduling as of Thu Oct 17 07:38:00 IST 2024



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Figure 35: Class Diagram for Class Task

34 TaskAssignment

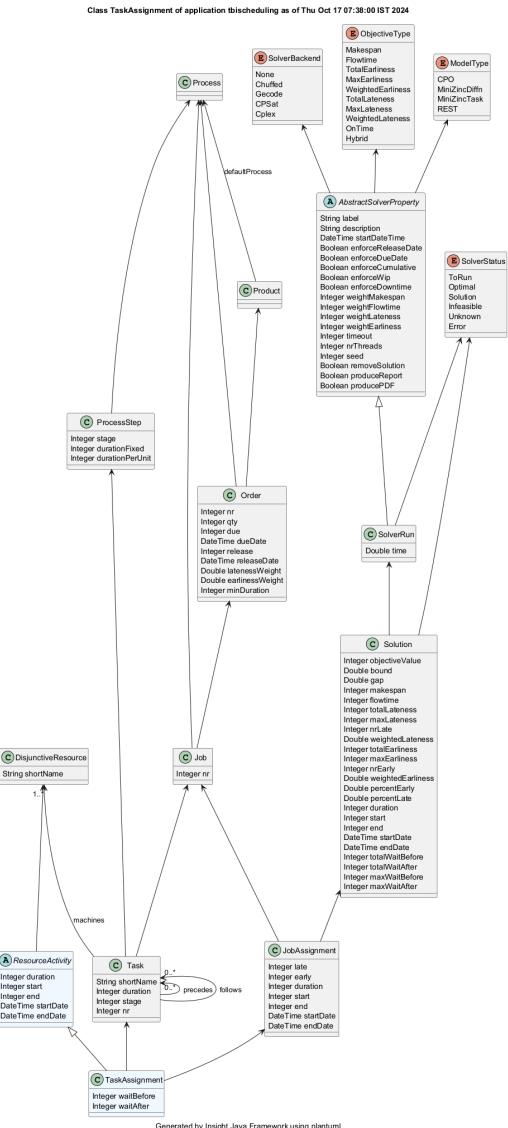
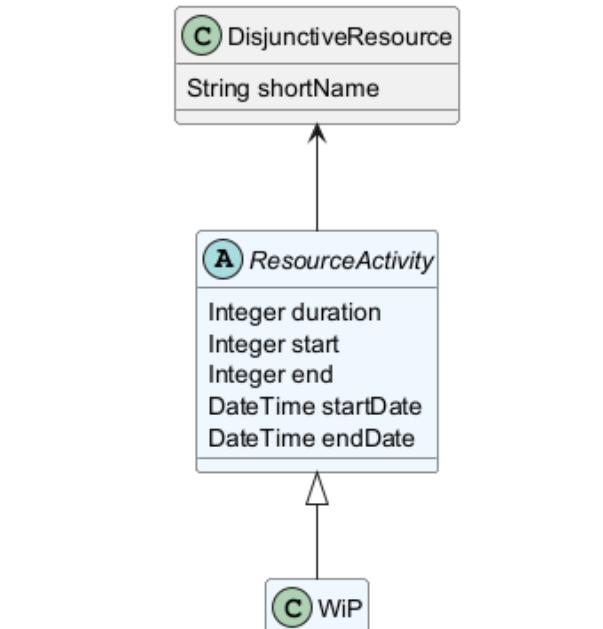


Figure 36: Class Diagram for Class TaskAssignment

35 WiP

Class WiP of application tbischeduling as of Thu Oct 17 07:38:00 IST 2024



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Figure 37: Class Diagram for Class WiP