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Gantt Chart Generation Technology Based on Web Applying in Manufacturing Execution System

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Abstract

In order to resolve the problem of graphic display for production dispatching result in the process of manufacturing execution system application, three methods of gantt chart generation based on web are disposed. Firstly, the core classes of JFreeChart component is introduced, and ChartDataSet class is constructed to realize accession of gantt chart data. Further more; the generation instance of gantt chart by JFreeChart is introduced. Secondly, the output steps of gantt chart for plant job dispatch are discussed, and effect figure by ChartDirector is illustrated. Lastly, the method of gantt chart for plant job dispatch by java servlet technology is introduced, and the generation steps and instance of gantt chart are discussed.

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