**Introduction**

Our challenge is to help understand the activities in a large-scale organization such as a big company. To determine unknown characteristics, a wide-ranging observation of activities is essential, and therefore some panoramic view of activities should be useful. Our technical goal is to develop a panoramic view of activities to help users understand them. We adapted tickets of the issue tracking system (ITS) as activity target data.

**Our Approach**

The set of tickets comprises a hierarchical structure as a global structure and every ticket has a temporal structure as a local structure. Our problem is how to combine a representation of the global structure with a representation of the local structures.

**Representation of Global Structure**

We adapted Treemap to express the global structure of tickets. A rectangular area is assigned to a ticket or a group of tickets.

**Representation of Local Structures**

To express the time change of attribute values of tickets, we implemented two types of charts: (1) A Gantt chart is a widely used chart to express the progress of projects. (2) A polyline chart is a variation of a Gantt chart. It uses polygonal lines instead of horizontal bars.

**Representation of a Group of Tickets**

We developed three types of modes for groups:

- **Tiling Mode**: A rectangle is assigned to each ticket. A ticket chart is drawn in the rectangular area with a background color expressing the current status of the ticket.
- **Overlapping Mode**
- **Stacking Mode**