

ABSTRACT

In the present invention, information relating to a change operation made to an operation via an avatar displayed in the virtual space is acquired for virtual space display data created on the basis of the information relating to the railway operation and a visualization rule that defines a visualization rule for data in order to display the data in the virtual space, a type of the change operation is determined on the basis of the acquired information relating to the change operation, candidate nodes that serve as change destinations of the change operation made to the virtual space display data are created on the basis of the determined type and a data change rule that indicates a rule for the change operation according to the type and the information relating to the railway operation defined in advance, a node on which the change operation has been made is determined out of the created candidate nodes on the basis of an operation on the created candidate node via the avatar, and the information relating to the railway operation that includes a node that satisfies a predetermined condition for the determined node is updated.