Topics Data Format

This file describes the format of the data stored in ServerProject/files/topics.xml.

Descriptions of Nodes and Their Attributes

- **Topics**: This is the parent type for the entire document. It contains Topics.
- **Topic**: These are nodes under which data about individual Topics is stored.
  - **Name**: This attribute indicates what the name of the Topic is.
- **Settings**: This is a node contained within a Topic. It stores all of the settings the Topic can have.
  - **WelcomeMessage**: This attribute stores the message that is displayed to the user when they first subscribe to the topic. It has a default value of "Welcome to the topic!"
  - **DefaultMessages**: This attribute stores a string of messages separated by semicolons. These are the messages that are sent by default at random intervals if the topic has been set to run automatically. It has a default value of ";".
  - **AutoSend**: This attribute stores whether the topic should be automatically sending messages. A value of "false" means it should not be automatically sending message and a value of "true" means it should. It defaults to a value of "false".
- **SentMessages**: This is a node contained within a topic. It is the parent node of individual sent messages.
- **SentMessage**: These nodes are contained within the **SentMessages** node. It contains information about messages that have been sent on the topic.
  - **Content**: This attribute contains the actual text of the message itself.
  - **Timestamp**: This attribute contains the time at which the message was published. It is a number that can be converted by the program into a date and time.