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(57) Abstract:

Embodiments of the present disclosure relates to a system (100) and method (300) for generating server-based tiles to store, generate, and deliver location-based information in an efficient manner, improving the scalability and reducing the data size for rendering on client devices. The system (102) comprises a processor (202) coupled to a memory (204). The memory (204) stores processor-executable instructions. The processor (202) is configured to store the location-based information as tiles on a server. Next, the processor (202) is configured to receive a request for the tiles from a client device. Thereafter, the processor (202) is configured to deliver the tiles to the client device. In the end, the processor (202) is configured to render the location-based information on the client device based on the delivered tiles.

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