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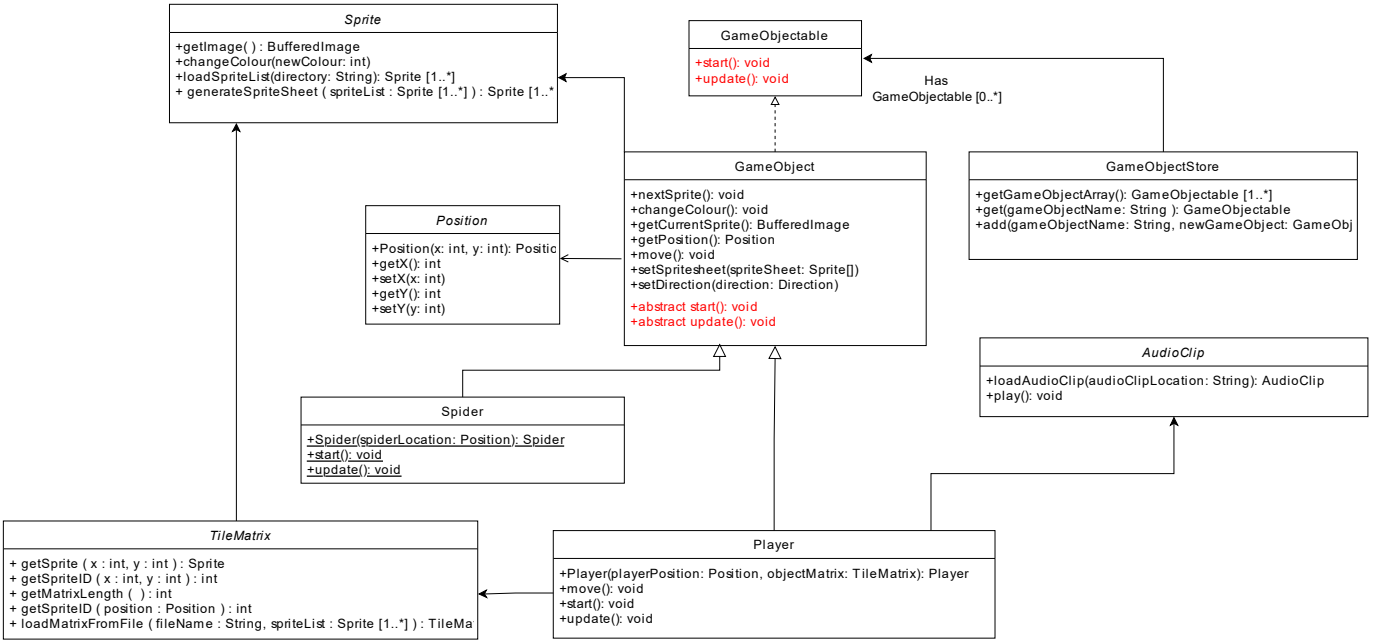
UML diagram



To avoid clutter `Direction`, `GameView`, `Position`, `Renderer` and `Runner` are absent from this diagram, since they are not key to the design.

Design

1. Tile matrices have been moved into their own files found in `./resources/tilemaps/`, load a new tile matrix using `TileMatrix.loadMatrixFromFile`.
2. The `Player` and `Spider` exhibit common functionality (both having a `Position`, `Direction` and `Sprite` associated with them), they now both inherit from the `GameObject`.
3. To be a `GameObject` you must implement the `start` and `update` methods, start being called on initialisation and update called once per a frame, this pattern is consistent with game engines such as Unity.
4. The `GameView.Builder` can be used to assist with the setup of the `GameView`, this is used by the `Runner`.
5. The `AudioClip` cannot be initialised directly, only with the use of the factory static method `AudioClip.loadAudioClip`.

Extras

1. The `AudioClip` class is used to implement the feature of playing sound effects in the game.
2. When you press the **X** key, the `move` method in the `Player` class is executed, playing the move sound.
3. The objective of the game is to locate the treasure chest. When the treasure chest is found, a celebratory sound will be played.