

CH7_104

ANSWER

AIWHEELEDVEHICLE: STOPPING AND RESUMING

1 Stop or Resume

Finished Code:

```
function AIWheeledVehicle::stopOrResume( %theBot )
{
    if ( %theBot.isMoving )
    {
        %theBot.isMoving = false;
        %theBot.stop();
        %theBot.schedule( 5000 , stopOrResume );
        return;
    }
    else
    {
        %theBot.isMoving = true;

        %oldDestination = %theBot.getMoveDestination( );

        if( !%oldDestination || %oldDestination $= "0 0 0" )
        {
            %theBot.getDatablock().onReachDestination( %theBot );
        }
        else
        {
            %theBot.setMoveDestination( %oldDestination , true );
        }

        %theBot.schedule( 10000 , stopOrResume );
    }
}
```

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Answers:

1. Because upon startup there is no valid destination set in the wheeled bot.