Deactivate the Fall Manager

The fall manager is designed to protect NAO when it falls. This is useful in all cases but it might bother you when Nao climbs in the trolley.
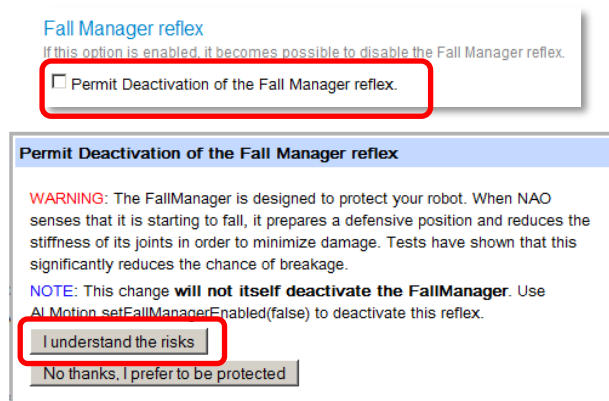
How does it work?
The detailed explanation can be found in the documentation.

Why deactivating the Fall Manager?
To climb a stair, you need to balance the robot on one foot to be able to move the second foot to the upper level, and then transfer the weight to the lower foot to the upper foot. During the transfer, the center of mass of the robot will move from one foot to the other while they are not at the same level, so the robot may feel that it is falling and trigger its protection.

How to deactivate it?
1. You need to allow the deactivation, on the "former NAO web page" in the "Settings". See the documentation.

2. Then, you can deactivate the reflex with the Choregraphe box "Set Fall Manager" or with the python function motion.setFallManagerEnabled(False)