

Claims

1. Method of handling a software application on a humanoid robot, said humanoid robot executing a plurality of software applications, at least two software applications competing for execution, the method comprising the steps of:
- 5 monitoring the execution of at least one software application;
in response to receiving a modification request, modifying said at least one software application; and
- 10 executing the modified software application on the humanoid robot,
wherein said at least one software application is associated with at least one predefined modification rule indicative of systemic risks, wherein a systemic risk associated with an action exists when a considered action threatens code stability or safety of the humanoid robot considered as a system, and wherein
- 15 the step of modifying said at least one software application comprises successfully verifying said modification rule, and
wherein modifying said at least one software application comprises modifying a program code of said at least one software application.
- 20 2. The method of claim 1, wherein modifying said at least one software application comprises modifying the execution rules associated with said at least one software application.
3. The method of claim 1 or 2, wherein monitoring said at least one software application comprises monitoring execution or usage data associated with said at least one software application, said data being selected from the group comprising parameters such as frequency, date, time, geolocation, user data feedback or input, user emotional reaction, interacting user profile, interaction duration, errors, function calls, triggering conditions and
- 25 combinations thereof.
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4. The method of claim 3, further comprising deriving statistical data from said usage execution or usage data.
5. The method of claim 4, further comprising displaying said statistical data.
- 5 6. The method of claim 5, wherein said at least one software application is modified under human supervision.
7. The method of any one of claims 1 to 4, wherein said at least one
10 software application is directly modified upon receiving the modification request without human supervision.
8. The method of any preceding claim, further comprising receiving a confirmation of a user before modifying said at least one software application.
- 15 9. The method of any preceding claim, wherein the modification request is received from the humanoid robot logic and/or the humanoid robot manufacturer and/or an application provider.
- 20 10. The method of any preceding claim, further comprising identifying a missing application in the humanoid robot, retrieving and installing said missing software application in the humanoid robot during a dialog with the user.
11. A computer program comprising instructions for carrying out the steps of
25 the method according to any one of claims 1 to 10 when said computer program is executed on a suitable computer device.
12. A system comprising means adapted to carry out the steps of the method according to any one of claims 1 to 10.