

## Man and robot linked by brain scanner

1. Noun - Plural
2. Noun
3. Noun
4. Location
5. Type Of Building
6. Location
7. Adjective
8. Noun - Plural
9. Verb - Base Form
10. Noun Starting With The Letter R
11. Noun
12. Verb - Base Form
13. Noun - Plural
14. Verb - Present Ends In Ing
15. Verb - Past Tense
16. Noun
17. Full Name Of A Person
18. Unit Of Distance - Plural
19. Proper Noun
20. Location
21. Last Name Of A Person
22. Noun - Plural
23. Noun

24. Noun
25. Adjective
26. Noun
27. Noun
28. Verb - Past Tense
29. Part Of Body
30. Noun
31. Noun
32. Noun - Plural
33. Adjective
34. Adjective
35. Verb - Base Form

# Man and robot linked by brain scanner

\_\_\_\_\_ Noun - Plural have made a robot move on a human's behalf by monitoring thoughts about \_\_\_\_\_ Noun, reports New Scientist.

The man-machine link joined a man in a \_\_\_\_\_ Noun scanner in \_\_\_\_\_ Location and a robot wandering a \_\_\_\_\_ type of building in \_\_\_\_\_ Location.

The person controlling the robot could also see through the eyes of his \_\_\_\_\_ Adjective surrogate.

The \_\_\_\_\_ Noun - Plural are now working on ways to make the man-machine link more sensitive and to let people \_\_\_\_\_ Verb - Base Form via the robot.

The research project connected a robot to a man having his brain scanned using fMRI (Functional Magnetic \_\_\_\_\_ noun starting with the letter R Imaging). This monitors blood flowing through the \_\_\_\_\_ Noun and can spot when areas associated with certain actions, such as movement, are in use.

Using brain scanners is a step beyond current efforts to link up men and machines. Much recent work involved teleoperated robots in which humans \_\_\_\_\_ Verb - Base Form controls, such as \_\_\_\_\_ Noun - Plural, to make a robot move.

By contrast, the \_\_\_\_\_ Verb - Present ends in ING approach is more subtle and attempts to fool the human subject into thinking that they are \_\_\_\_\_ Verb - Past Tense in the robot.

The \_\_\_\_\_ Noun helping to prove the technology works linked up student \_\_\_\_\_ Full Name of a Person who was in a lab at Bar-Ilan University, Israel, with a small two-legged robot thousands of \_\_\_\_\_ unit of distance - plural away at \_\_\_\_\_ Proper Noun Technology Institute in \_\_\_\_\_ Location.

Prior to connecting the two, researchers made Mr \_\_\_\_\_ Last Name of a Person think about different sorts of \_\_\_\_\_ Noun - Plural and developed software that could quickly spot his \_\_\_\_\_ Noun.

The result, reported the \_\_\_\_\_ Noun \_\_\_\_\_, was that he could control the robot in almost \_\_\_\_\_ Adjective \_\_\_\_\_ time.

The illusion of embodiment was tested by surprising Mr Shapira with a \_\_\_\_\_ Noun \_\_\_\_\_ so he could see his  
\_\_\_\_\_ Noun \_\_\_\_\_ self - a test that \_\_\_\_\_ Verb - Past Tense \_\_\_\_\_ him he was present in the French lab.

The next step for the research is to refine it to use a different type of scanning that can work using a  
\_\_\_\_\_ Part of Body \_\_\_\_\_ cap rather than an fMRI machine that a person has to lie in. The robot used to represent a  
human is to be upgraded to a version that has a similar \_\_\_\_\_ Noun \_\_\_\_\_ and \_\_\_\_\_ Noun \_\_\_\_\_ to a real person.

The research is part of an international project called Virtual Embodiment and Robotic Re-Embodiment that  
aims to refine ways to link people and \_\_\_\_\_ Noun - Plural \_\_\_\_\_ in both \_\_\_\_\_ Adjective \_\_\_\_\_ environments and the real  
world.

Work is being done on \_\_\_\_\_ Adjective \_\_\_\_\_ applications of the technology but the researchers warned that it was a  
long way from being able to \_\_\_\_\_ Verb - Base Form \_\_\_\_\_ anyone yet.