

about kernel image in “/etc/lilo.conf” was modified. Restart the system and the results will appear.

V. CONCLUSIONS

A novel teaching solution for “Operating Systems” was proposed in this paper. Main goal of the solution is to promote students’ learning interest and practical ability, and it has three innovations described as follows. First, the combination between theoretical knowledge and actual kernel modules can not only greatly promote students’ learning interest but also improve their practical ability. In this way, students can directly participate in developing and maintaining the kernel module, and then it may promote the development of open source systems. Second, the friendly and attractive experimental platform can not only provide simulation environment for classical algorithms but also create the conditions for tracing or modifying kernel code. Third, the supplementation of latest course-related technologies makes teaching content keep pace with the times. Teaching practice shows prove the effectiveness of this solution. Nevertheless, for the teaching time is rather limited, how to further refine course content and enhance teaching efficiency is the next exploring target.

ACKNOWLEDGMENT

This work is supported by the Natural Science Foundation of China (No.11005081, No. 21207103), Natural Science Foundation of Zhejiang Province (No.Y1110322, No. 2012C31025), Scientific Research Project of Zhejiang

Education Department (No.Y201016244), Scientific Research Project of Wenzhou (No.G20110004, S20110011) and Special Education Reform Project of Zhejiang Undergraduate Computer Education Steering Committee (No.2011-4).

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