

# Troubleshooting a single kernel configuration

<b>REVISION HISTORY</b>
-------------------------

NUMBER	DATE	DESCRIPTION	NAME

---

## Contents

<b>1</b>	<b>Application-level issues</b>	<b>1</b>
1.1	WARNING: [main] failed to lock memory . . . . .	1

This page is a troubleshooting guide enumerating known issues with single kernel Xenomai configurations.

---

**Tip**

If running Xenomai 3 over the **Mercury** core, then you are using a single kernel configuration, and this document was meant for you. Otherwise, if you are running any release from the Xenomai 2 series, or a Xenomai 3 release using the **Cobalt** real-time core, then you are using a running kernel configuration, for which you can find specific [troubleshooting information here](#).

---

No entry yet.

## 1 Application-level issues

### 1.1 WARNING: [main] failed to lock memory

Your application needs the CAP\_SYS\_NICE and CAP\_IPC\_LOCK capabilities to be granted access to Xenomai services (see capabilities(7)). Running the application with root privileges is a way to gain those capabilities.