

# **Troubleshooting a single kernel configuration**

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

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**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](#).

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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.