how to detect by define compilling for zx spectrum by z88dk ?

To detect the ZX Spectrum target when compiling with the z88dk C compiler, you can use preprocessor directives to check for specific target macros. The z88dk defines a macro for each target system, such as **__SPECTRUM** for the ZX Spectrum.

Here's an example of how to use this macro to detect the ZX Spectrum target during compilation:

c Copy code

```c
#include <stdio.h> #ifdef __SPECTRUM #define TARGET "ZX Spectrum" #else #define TARGET "Unknown" #endif int main() { printf("Hello, %s!\n", TARGET); return 0; }
```

In this example, the **TARGET** macro is set to "ZX Spectrum" if the **__SPECTRUM** macro is defined, indicating that the code is being compiled for the ZX Spectrum. If the **__SPECTRUM** macro is not defined, the **TARGET** macro is set to "Unknown".

To compile this code for the ZX Spectrum using z88dk, you can use the following command:

lua Copy code

```lua
zcc +zx -vn -create-app -o outputfile your_source_file.c
```

This command will compile **your_source_file.c** for the ZX Spectrum target (**+zx**), creating a TAP file that can be loaded on the ZX Spectrum or an emulator.