

Run-time Type Information Exercises

typeid

- What does typeid() do? When could it be useful?
- Write a simple program which uses typeid()

type_info

- Briefly describe type_info
- Write a simple program which uses type_info

hash_code

- Briefly describe hash_code
- Write a simple program which uses hash_code

dynamic_cast

- What safety features does dynamic_cast include?
- Why are these safety features needed?

dynamic_cast

- Write a simple program which uses dynamic_cast with
 - A pointer to the base class
 - A reference to the base class
- What happens when the cast fails?