

CTAD and Custom Types Solutions

Non-templated Constructor

- Write a template class which supports CTAD in which
 - The constructor is not a template
 - The constructor's arguments correspond to the class's type parameters

Deduction Guides

- Explain why a deduction guide is sometimes needed to implement CTAD
 - A deduction guide is needed if the compiler does not have enough information to deduce the class template parameters from the constructor call
 - This can happen if the constructor is templated

Deduction Guides

- Write a template class which supports CTAD in which
 - The constructor is a template
 - The constructor's template parameters are not compatible with the class's type parameters