**Templates Introduction**

Purpose:

Demonstrate Template Syntax and Semantics with a relatively simple example.

Contents:

This package contains three classes:

1. Convert<T> provides methods:
   1. std::string toString(const T& t)  
      Converts instance of T to a string representation.
   2. T fromString(const std::string& rep)  
      Converts string rep to an instance of T. Assumes that rep is result of previous method.
   3. std::string id(const T& t)  
      returns name of the T type, using run-time type information.
2. TemplateDemo<T> provides methods:
   1. Constructors TemplateDemo() and TemplateDemo(const T& t)
   2. Destructor ~TemplateDemo()
   3. Accessor method T& value() returns state of a TemplateDemo<T> instance
3. Widget class used as a template argument in TemplateDemo<Widget>

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CSE687 – Object Oriented Design

Spring 2017