

## Architecture\_Overview diagram

Class diagram in package 'Architecture'

Architecture\_Overview  
Version 1.0

Thomas Batt created on 18.05.2018. Last modified 13.03.2019

Name: Architecture\_Overview  
Package: Architecture  
Version: 1.0  
Author: Thomas Batt

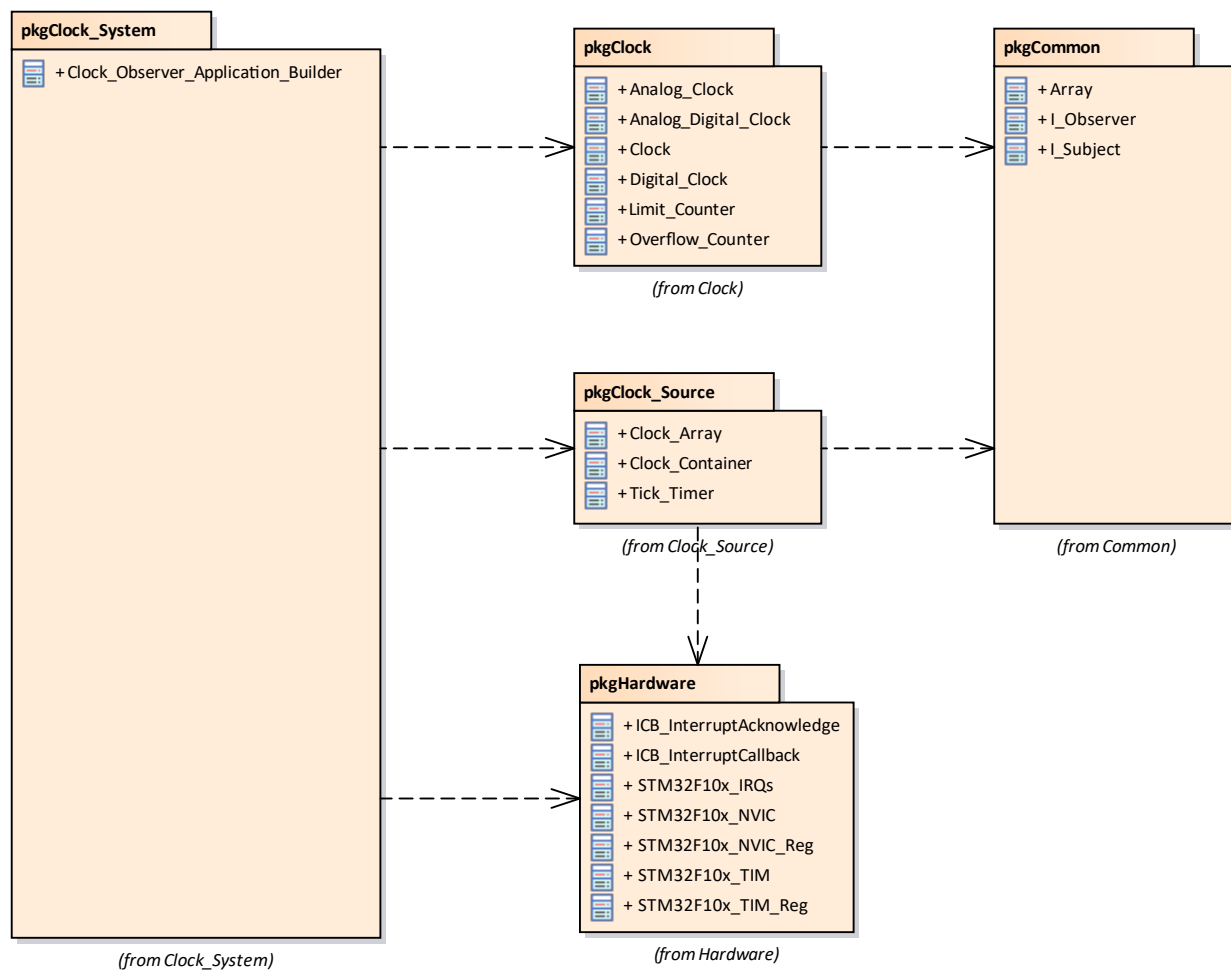


Figure 1: Architecture\_Overview

**pkgClock\_System diagram***Class diagram in package 'pkgClock\_System'*

pkgClock\_System

Version 1.0

Thomas Batt created on 18.05.2018. Last modified 13.03.2019

Name: pkgClock\_System

Package: pkgClock\_System

Version: 1.0

Author: Thomas Batt

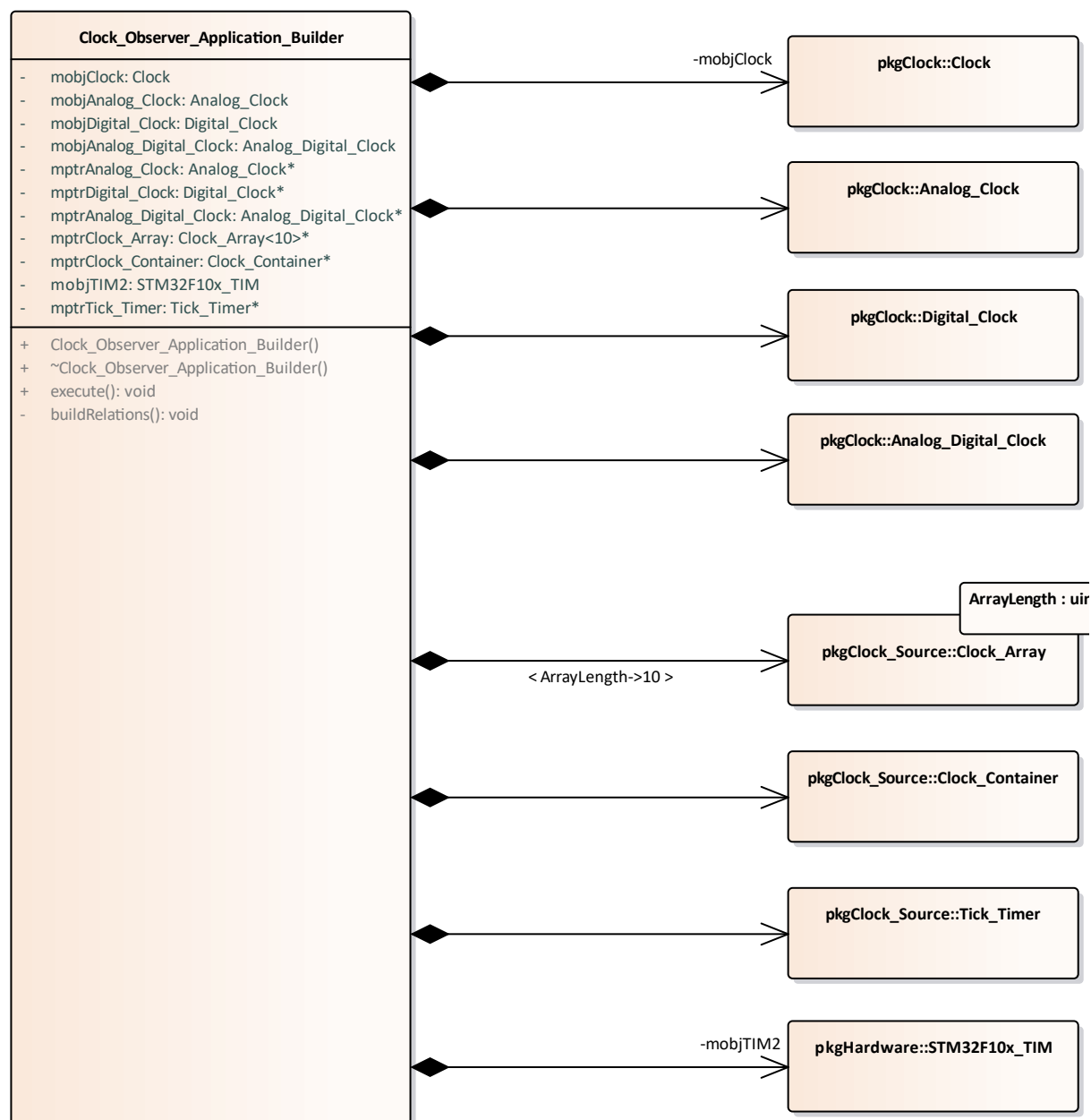


Figure 2: pkgClock\_System

**pkgClock diagram**

Class diagram in package 'pkgClock'

pkgClock

Version 1.0

Thomas Batt created on 18.05.2018. Last modified 13.03.2019

Name: pkgClock  
 Package: pkgClock  
 Version: 1.0  
 Author: Thomas Batt

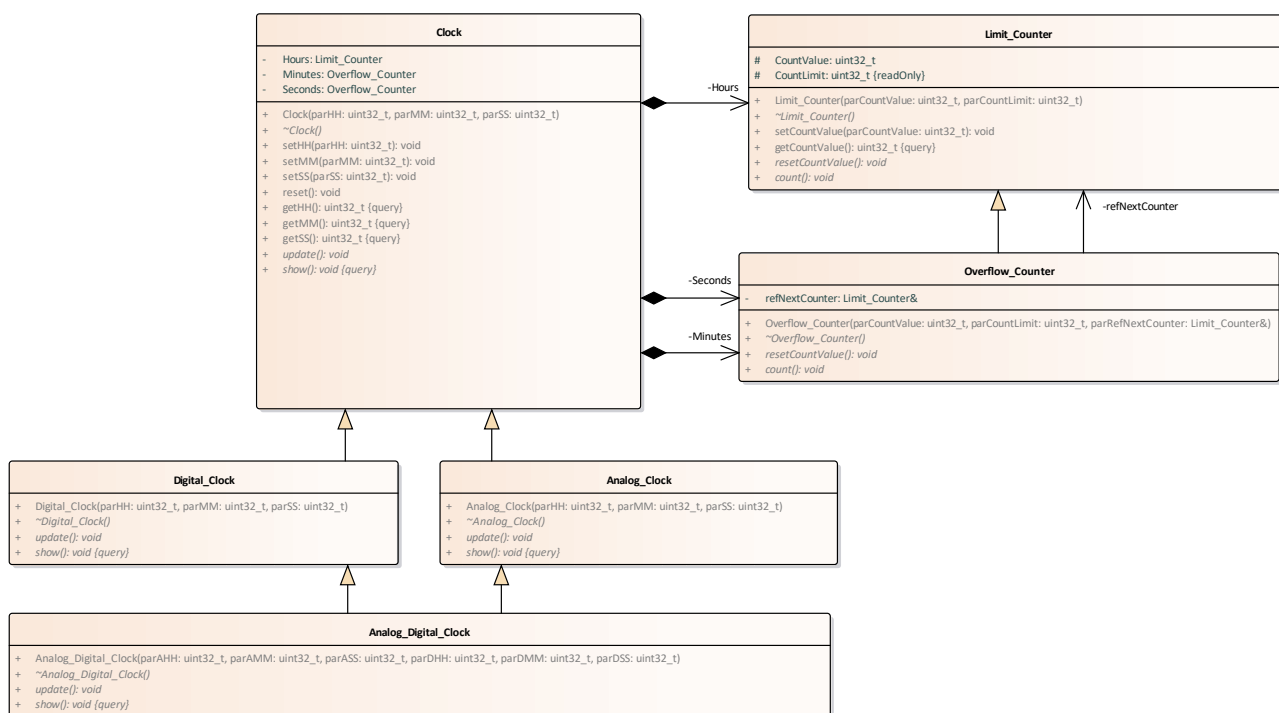


Figure 3: pkgClock

## pkgClock\_Source diagram

Class diagram in package 'pkgClock\_Source'

pkgClock\_Source

Version 1.0

Thomas Batt created on 18.05.2018. Last modified 13.03.2019

Name: pkgClock\_Source  
Package: pkgClock\_Source  
Version: 1.0  
Author: Thomas Batt

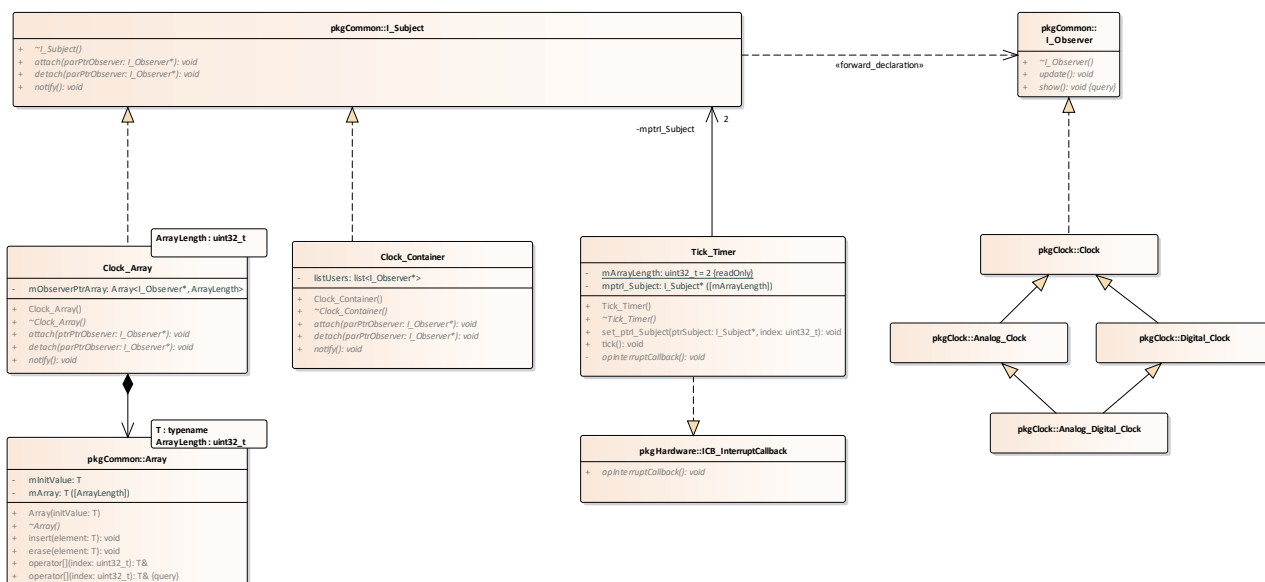


Figure 4: pkgClock\_Source

## pkgCommon diagram

Class diagram in package 'pkgCommon'

pkgCommon

Version 1.0

Thomas Batt created on 18.05.2018. Last modified 13.03.2019

Name: pkgCommon

Package: pkgCommon

Version: 1.0

Author: Thomas Batt

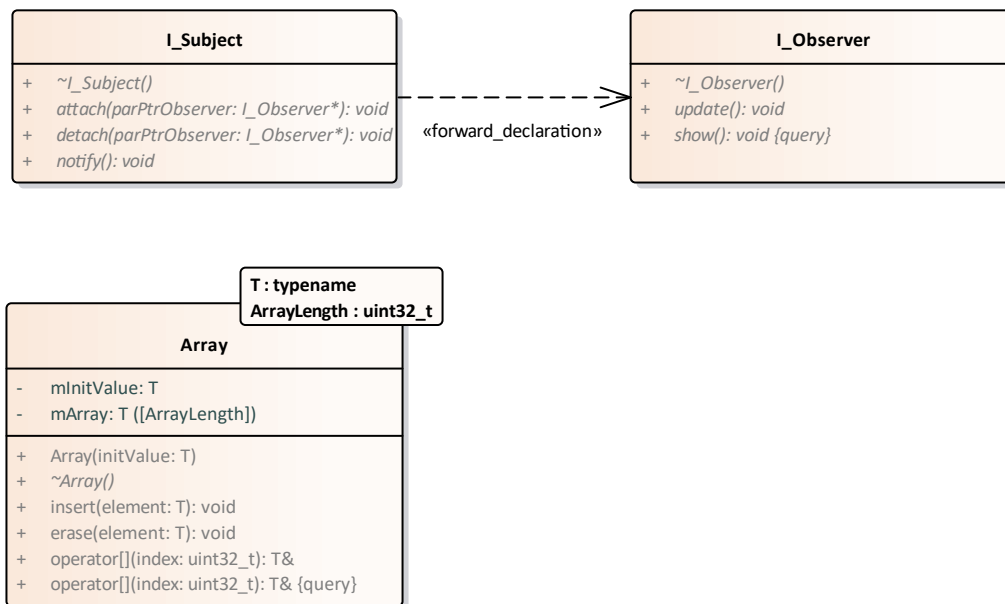


Figure 5: pkgCommon

## Hardware diagram

Class diagram in package 'Hardware'

Hardware  
Version 1.0

Thomas Batt created on 18.05.2018. Last modified 13.03.2019

Name: Hardware  
Package: Hardware  
Version: 1.0  
Author: Thomas Batt

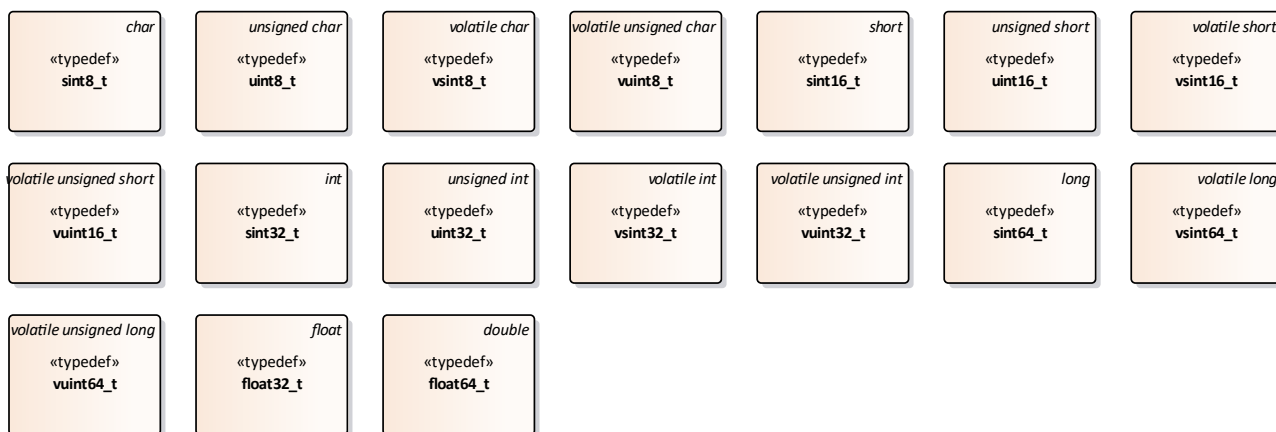


Figure 6: Hardware

## pkgHardware diagram

Class diagram in package 'pkgHardware'

pkgHardware

Version 1.0

Thomas Batt created on 18.05.2018. Last modified 13.03.2019

Name: pkgHardware  
 Package: pkgHardware  
 Version: 1.0  
 Author: Thomas Batt

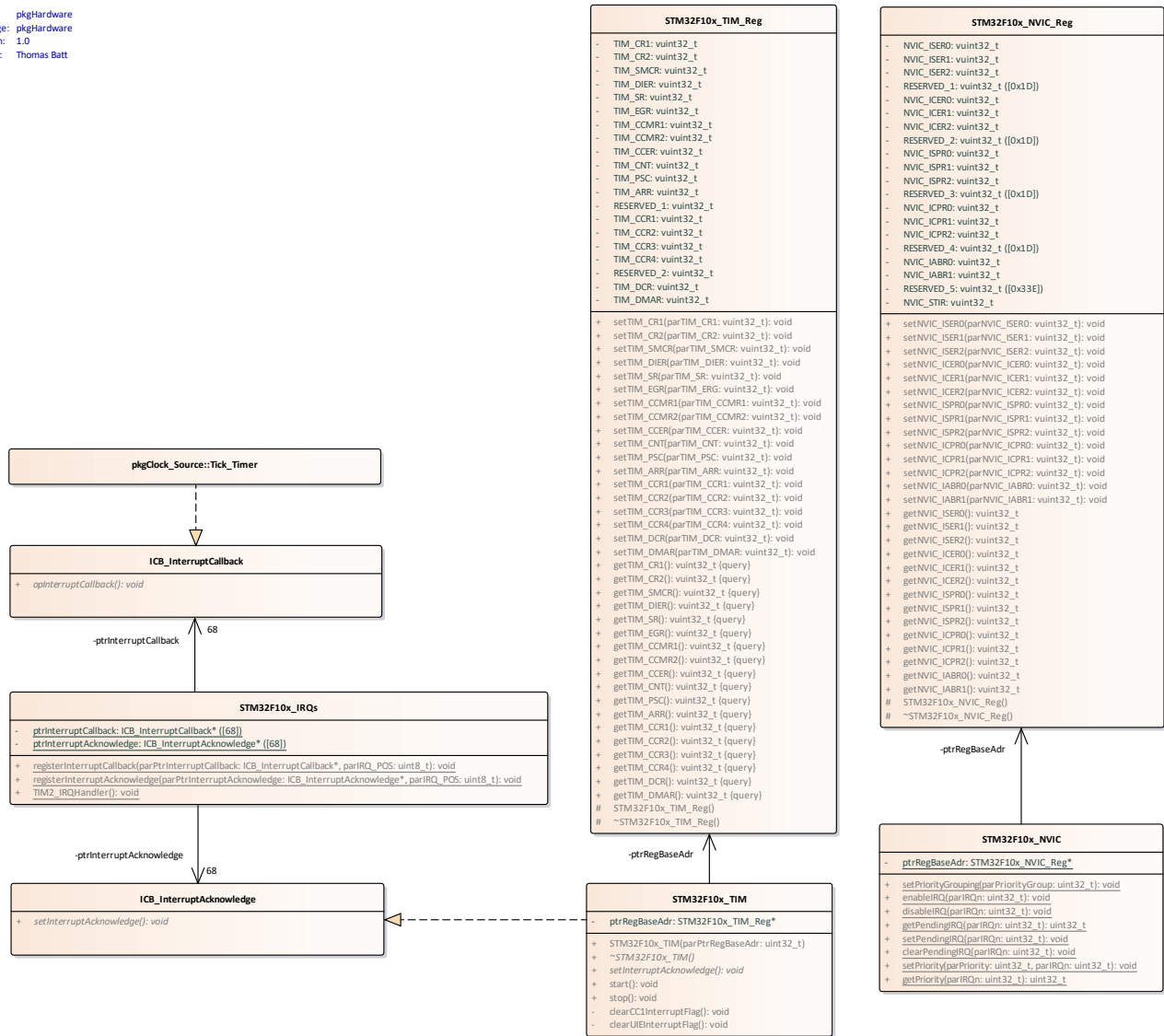


Figure 7: pkgHardware

## Exercises\_1 - Classes, Objects and Relations diagram

Class diagram in package 'Exercises'

Exercises\_1 - Classes, Objects and Relations

Version 1.0

MicroConsult GmbH - Thomas Batt created on 22.05.2018. Last modified 13.03.2019

Name: Exercises\_1 - Classes, Objects and Relations

Package: Exercises

Version: 1.0

Author: MicroConsult GmbH - Thomas Batt

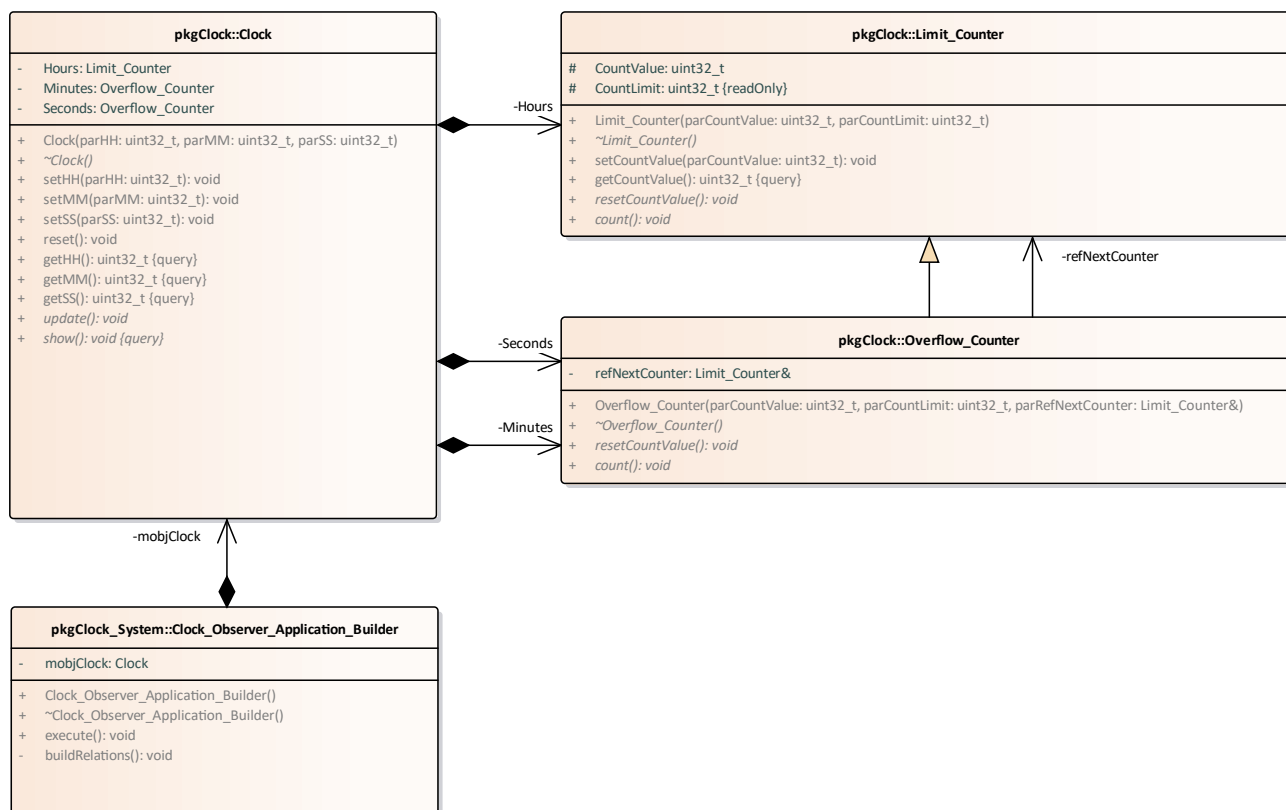


Figure 8: Exercises\_1 - Classes, Objects and Relations



## Exercises\_2 - Multiple Inheritance diagram

Class diagram in package 'Exercises'

Exercises\_2 - Multiple Inheritance  
Version 1.0

MicroConsult GmbH - Thomas Batt created on 22.05.2018. Last modified 13.03.2019

Name: Exercises\_2 - Multiple Inheritance  
Package: Exercises  
Version: 1.0  
Author: MicroConsult GmbH - Thomas Batt

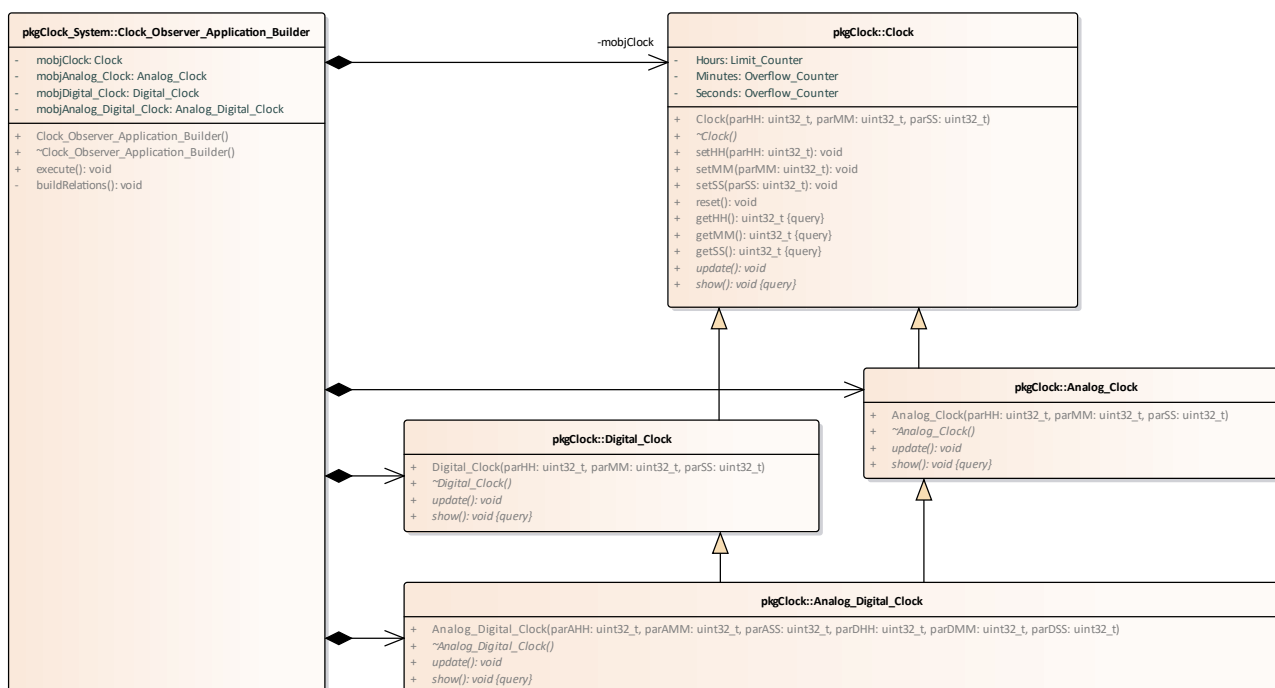


Figure 9: Exercises\_2 - Multiple Inheritance

## Exercises\_3 - Exception Handling and Dynamic Memory Management diagram

Class diagram in package 'Exercises'

Exercises\_3 - Exception Handling and Dynamic Memory Management

Version 1.0

MicroConsult GmbH - Thomas Batt created on 13.03.2019. Last modified 13.03.2019

Name: Exercises\_3 - Exception Handling and Dynamic Memory Management  
 Package: Exercises  
 Version: 1.0  
 Author: MicroConsult GmbH - Thomas Batt

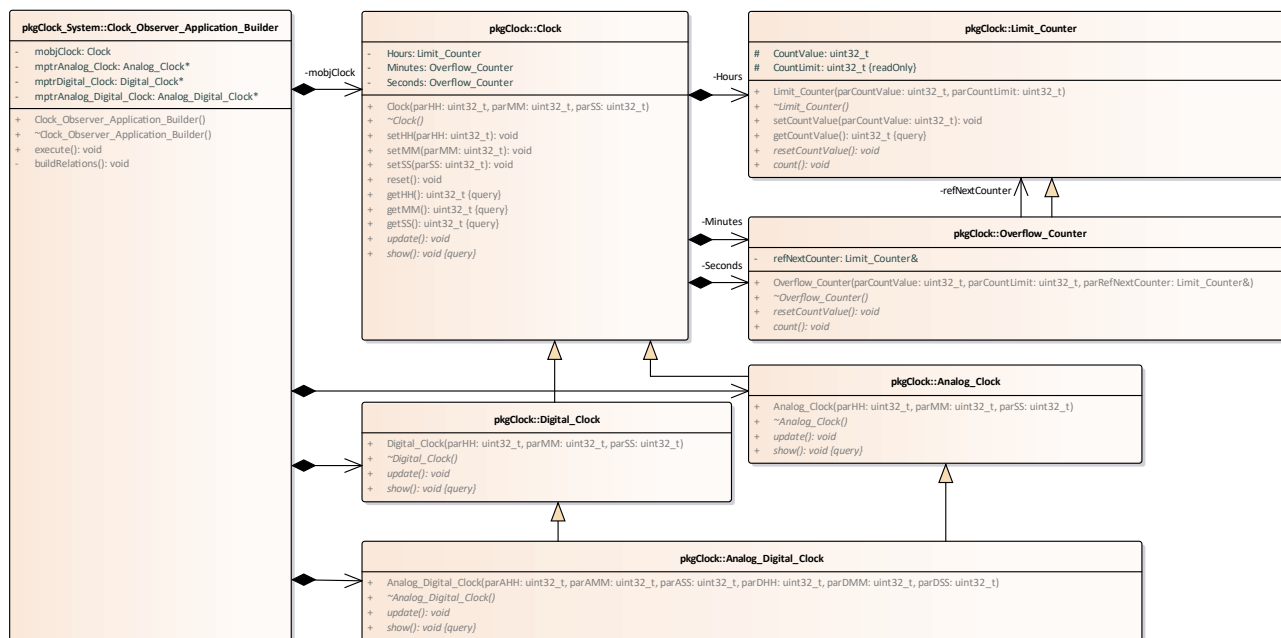


Figure 10: Exercises\_3 - Exception Handling and Dynamic Memory Management



## Exercises\_5 - Observer Pattern - Standard Library Container diagram

Class diagram in package 'Exercises'

Exercises\_5 - Observer Pattern - Standard Library Container

Version 1.0

MicroConsult GmbH - Thomas Batt created on 22.05.2018. Last modified 13.03.2019

Name: Exercises\_5 - Observer Pattern - Standard Library Container

Package: Exercises

Version: 1.0

Author: MicroConsult GmbH - Thomas Batt

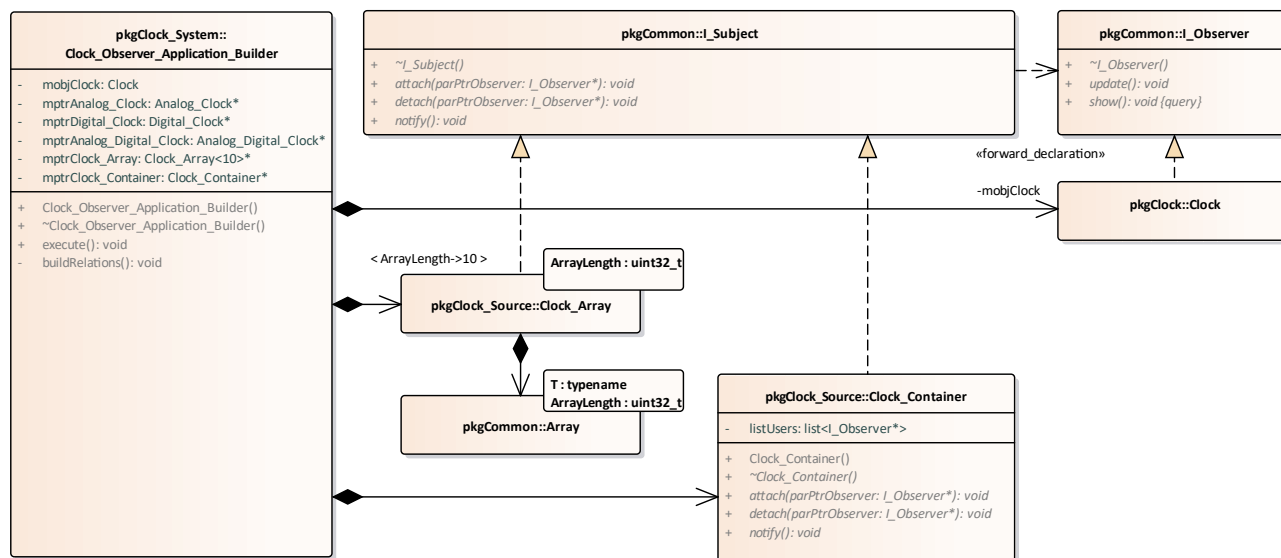


Figure 12: Exercises\_5 - Observer Pattern - Standard Library Container

## Exercises\_6 - Callback, Hardware Driver and Interrupt diagram

Class diagram in package 'Exercises'

Exercises\_6 - Callback, Hardware Driver and Interrupt

Version 1.0

MicroConsult GmbH - Thomas Batt created on 22.05.2018. Last modified 13.03.2019

Name: Exercises\_6 - Callback, Hardware Driver and Interrupt

Package: Exercises

Version: 1.0

Author: MicroConsult GmbH - Thomas Batt

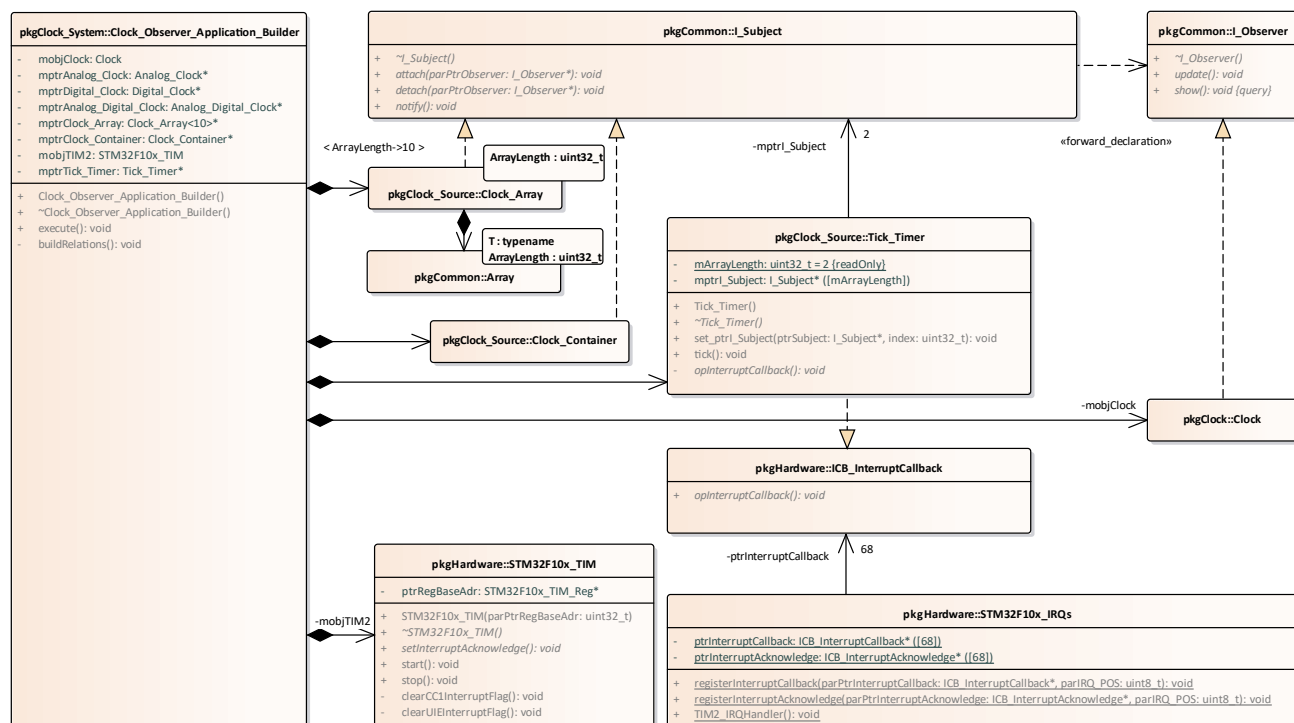


Figure 13: Exercises\_6 - Callback, Hardware Driver and Interrupt

