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 - ► Reference type
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- Class
 - Constructor
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 - Property
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 - Indexer
 - Nested Type



Field vs Property vs Method

▶ 什麼時候適合使用哪個?



Constants vs Readonly Field

▶ 什麼時候適合使用哪個?



介面



- Member
 - Method
 - Property
 - Event
 - Indexer

- 字取修飾詞
 - Member



InterfaceSample_1

- implementation
 - ▶ 實做
- ► Has-a



Property in interface.



- ▶ 變數賦值
- ▶ 多型



- ▶ 方法參數
- ▶ 方法回傳值



- ▶ 不可具現化
- ▶ 不可方法的實做(C# 8.0前)
- ▶ 實做多個介面



- ▶ 明確實做
 - in interface
 - ▶ in class



- ▶ 明確實做
 - how to use?



繼承



- base class
 - ▶ 基底類別
- derived class
 - ▶ 衍生類別
- is-a
- protected



一個自定義的class有default的繼承嗎?

InheritanceSample_2

- Constructor
- base



- Constructor
- field



- ▶ 變數賦值
- ▶ 方法呼叫
- ▶ 方法返回
- ▶ 多型



- virtual
- override



如果不寫override?



- ▶ new修飾詞
 - ▶ 特性



- ▶ new修飾詞
 - ▶ 方法簽章



- ▶ abstract(抽象)
 - class
 - method



- ▶ sealed(密封)
 - class
 - method



類型轉換



"明確轉換"和 "as關鍵字"有什麼差異點?

TypeConvertSample_1

類型轉換

- ▶ as 關鍵字
- ▶ is 關鍵字





Q&A

繼承 vs 介面

▶ 什麼情境下適合用哪個?



明確轉換 vs "as"

▶ 什麼情境下適合用哪個?



End

