

"What's New in C# 11 and 12?"

Insero Air Traffic Solutions
February 2nd 2024

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Agenda

- ▶ 10:00 – 11.30: C# 7, 8, 9, 10 Recap
- ▶ 11.30 – 12.00: Lunch
- ▶ 12.00 – 13.00: What's New in C# 11 and 12?



Recap

▶ C# 7

- Value Tuples and Deconstructors
- **Pattern Matching**
- Ref Locals and Returns
- In modifiers
- Spans

▶ C# 8

- **Nullable Reference Types**
- **Switch Expressions**
- More Patterns
- **Indices and Ranges**
- Default Interface Methods
- Async Enumerables
- Async Disposables

▶ C# 9

- Init-only Setters
- **Record Classes**
- Top-level Statements
- Relational Patterns
- Covariant Return Types

▶ C# 10

- File-scoped Namespaces and Global Usings
- **Record Structs**
- LINQ Additions in .NET 6



