Introduktion til Programmering og Problemløsning (PoP)

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Dokumentation - simpel

Summary felt efter dokumentationsstandarden

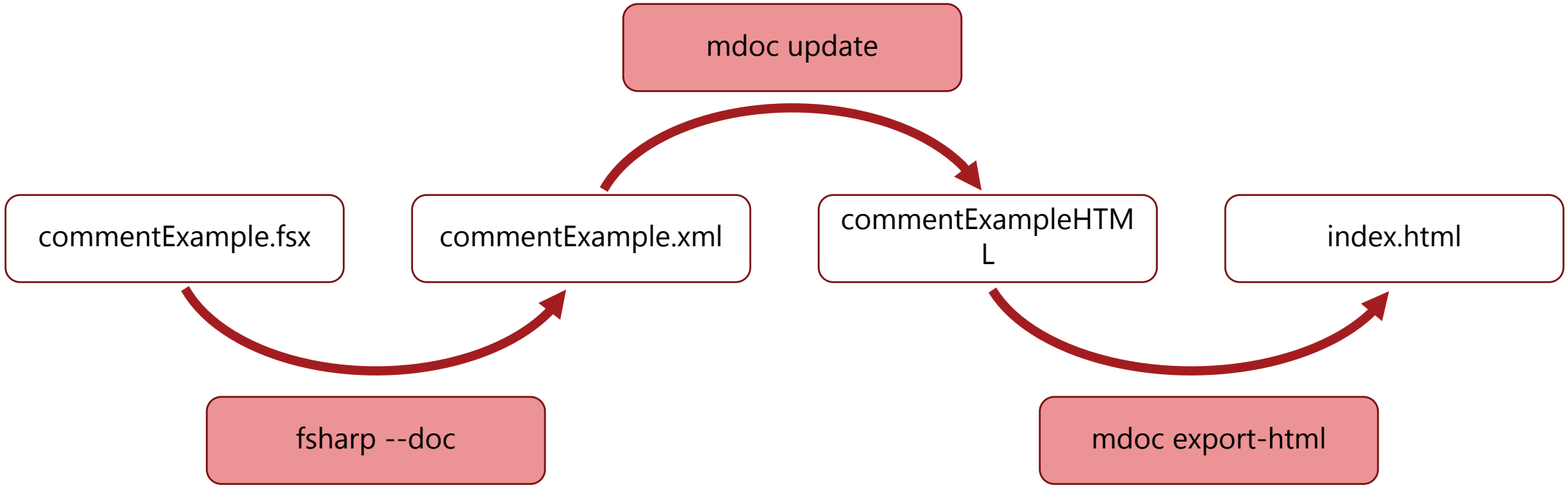
```
/// The discriminant of a quadratic equation with parameters a, b, and c
let discriminant a b c = b ** 2.0 - 4.0 * a * c // Note that F# will automatically typecast to float
(* This function needs to be tested! *)
```

Almindelig kommentarer udenfor dokumentationsstandarden

Dokumentation - grundig

```
/// <summary>Find x when 0 = ax^2+bx+c.</summary>
/// <remarks>Negative discriminants are not checked.</remarks>
/// <example>
///   The following code:
///   <code>
///     let a = 1.0
///     let b = 0.0
///     let c = -1.0
///     let xp = (solution a b c +1.0)
///     printfn "0 = %.1fx^2 + %.1fx + %.1f => x_+ = %.1f" a b c xp
///   </code>
///   prints <c>0 = 1.0x^2 + 0.0x + -1.0 => x_+ = 0.7</c> to the console.
/// </example>
/// <param name="a">Quadratic coefficient.</param>
/// <param name="b">Linear coefficient.</param>
/// <param name="c">Constant coefficient.</param>
/// <param name="sgn">+1 or -1 determines the solution.</param>
/// <returns>The solution to x.</returns>
let solution a b c sgn =
  let d = discriminant a b c
  (-b + sgn * sqrt d) / (2.0 * a)
```

XML dokumentationspipeline



fsharpc --doc:commentExample.xml commentExample.fsx

mdoc update -o commentExample -i commentExample.xml commentExample.exe

mdoc export-html -out commentExampleHTML commentExample

Resumé

I denne video hørte du om:

- Dokumentation og dokumentationsstandarden