AWS, Jarvis and Docker – what is not to like?

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The Agenda

- A bit of history
- What is the purpose of the solution
- The moving parts - Example

History

- Been doing Dyalog APL since late 80's
- For the last 10 years the focus has been:
  - .NET Classes
  - RestFull API

- For the last 5 years only RestFull API – which means:
  - AWS (or similar)
  - Jarvis

Purpose of solution

- Name of Service: FE

- FE is is an HTTP web-service that accepts JSON and returns JSON. FE is based on the REST-based paradigm.

- The purpose of FE is to make it possible to calculate key-figures, prices etc in "real-time" for Danish Bonds of the following category:

  - Non-Callable Danish FixedRate Bonds
  - Fixed-Rate Danish Mortgage Bonds
  - Floating-Rate Danish Mortgage Bonds

The moving parts

- The environment
  - GitHub
- Coding style
  - Jarvis exposed functions - backend ws
- Timer Job
- Support
- Docker....

Benefits

- Source code control

  - Incl: Easy to have multiple developers working on the same project

- Handling of Releases – img.files

- Distribution - docker