



ISEL
INSTITUTO SUPERIOR DE
ENGENHARIA DE LISBOA

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~ Open source e-learning platform ~

IS E-Learning is an open source e-learning platform, dedicated to the definition and testing of algorithms in a multi-language execution environments.

- ~ user friendly interface
- ~ run code and tests cases in a multilanguage environment
- ~ user account to save progress
- ~ create & solve challenges
- ~ skill test with questionnaires build from pre-existent challenges



Web Client
(React + Material UI)

SERVICES

Challenges



Questionnaires



Execute Code



User



Authentication



PostgreSQL



Java



Kotlin



JavaScript



C#



Python

Container Orchestration

EXECUTION ENVIRONMENTS