

# NorduGrid ARC Tutorial

## Exercise overview

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# Exercise overview – intro and basics

- **Chapter 1: Introduction**
- **Chapter 2: Getting started**
  - set up the environment for the tutorial
- **Chapter 3: Getting information about the resources in NorduGrid**
  - familiarize with the NorduGrid Grid Monitor
- **Chapter 4: Logging in to the grid**
  - examine the certificates
  - initialize the grid proxy certificate

# Exercise overview – simple jobs

- **Chapter 5: Submitting a simple job**
  - familiarize with the basic ARC commands
- **Chapter 6: Simple file transfers**
  - learn about Storage Elements and file management commands
- **Chapter 7: Statically linked executable**
  - submit static executable to the grid
  - select the target machine architecture
- **Chapter 8: Dynamically linked executable**
  - examine a grid job with dynamically linked executable
  - Using Storage Element for input

# Exercise overview – Runtime Environments and complex jobs

- **Chapter 9: Using a Runtime Environment**
  - - using preinstalled applications in the grid
- **Chapter 10: Creating complex jobs**
  - - example with more complex output and input
- **Chapter 11: Submitting your own application**