ACS (ALMA Common Software) is a framework for implementing a distributed container/component software machine. You can use it to develop and run custom components with some desired functionality. In these tutorial series we will explore ACS main features, from and for someone new to this tool, in order to gain familiarity with the framework. Hopefully we will find some interesting ways of using ACS, coding simple experimental components. ACS may seem big and complex at first, but we will code our way out of this image, in a condensed approach.

Before running the tutorial examples and exercises you will have to install ACS. In the next section we provide instructions to install ACS in a docker container.

References:

- The ALMA Common Software (ACS) as a basis for a distributed software development (2001)
- Common Software for the ALMA project (2001)
- ALMA Software Development Tools and Integration Guidelines
- Online documentation
- Slides and papers