


Tutorial Selection

* Use image links navigate to individual tutorials



 **NOMAD Tutorial Workflows**

Search

NOMAD Tutorial Workflows

Getting Started


Part 1 - Core Functionalities

Part 2 - Python API


Part 3 - Custom Entries

Part 4 - Custom Workflows

Workflow and Project Management with NOMAD

 What You Will Learn

- Organize and manage complex research workflows using NOMAD
- Integrate diverse data sources into a single, reproducible project

 **NOMAD Onboarding Workshop**

Search

NOMAD Onboarding Workshop

RDM with NOMAD

First touches with NOMAD

Using NOMAD as an ELN

Introduction

Build your ELN


Getting started

Creating Entities

Guidlines for Building a Custom ELN Schema

To build and customize your NOMAD ELN, you'll need to write code using the NOMAD metainfo schema language. However, don't be intimidated by the term "code"—this process requires only a basic understanding of programming and computer algorithms. In this section, we'll first outline the essential rules for writing a NOMAD ELN schema. Then, we'll guide you step-by-step as you put these principles into practice to create your first custom ELN in NOMAD.



 **Documentation**

Search

Documentation

Home

Tutorial

Navigating to NOMAD

Uploading and publishing data

Exploring data

Access data via API

Schemas and plugins

Developing a NOMAD Plugin


In this tutorial you will learn how to create and develop a NOMAD plugin. As an example we will create a plugin to log data for a simple sintering process.

Prerequisites



NOMAD Oasis Distribution *Template*

This repository is a template for creating your own custom NOMAD Oasis distribution image. Click [here](#) to use this template, or click the `Use this template` button in the upper right corner of the main GitHub page for this template.

 **Important**

The templated repository will run a GitHub action on creation which might take a few minutes. After the workflow finishes you should refresh the page and this message should disappear. If this message persists you might need to trigger the workflow manually by navigating to the "Actions" tab at the top, clicking "Template Repository Initialization" on the left side, and triggering it by clicking "Run workflow"

