



How Does It Work?

LEARNING VTL BY EXAMPLE

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The idea

- In 2024 the VTL Task Force worked to a complete revamp of the VTL documentation.
- §Today the manuals are built from source files of various types and, more important to us, the operator examples are built from technical files (CSVs, JSON, vtl code).
- Sone step forward: leverage the examples source files to add a new feature to the VTL Engine & Editor

Input **DS_2** (see structure)

ld_1	ld_2	Me_1	Me_2
10	Α	10	3.0
10	С	11	6.2
11	В	6	7.0

Example 1

results in (see structure):

DS_r

ld_1	ld_2	Me_1	Me_2
10	Α	15	8.0
11	В	10	27.3

The VTL E&E "Demo Mode"

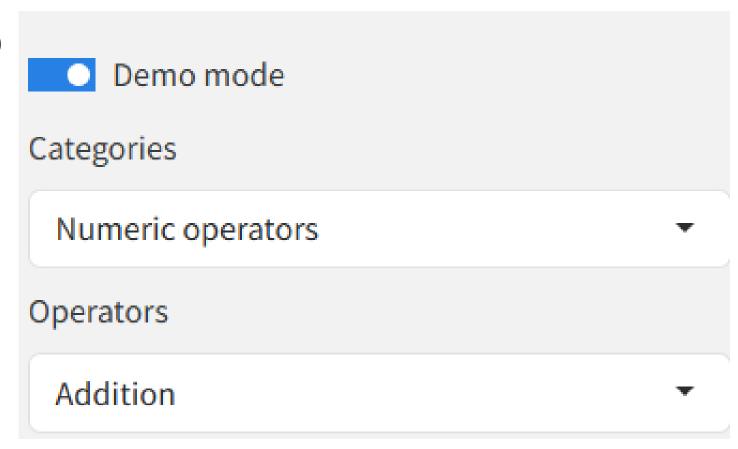
A new feature available in VTL Studio, the development environment of the VTL E&E

The code, data and structures of the examples in the official VTL manual are packed into the distribution for the "Demo Mode" feature.

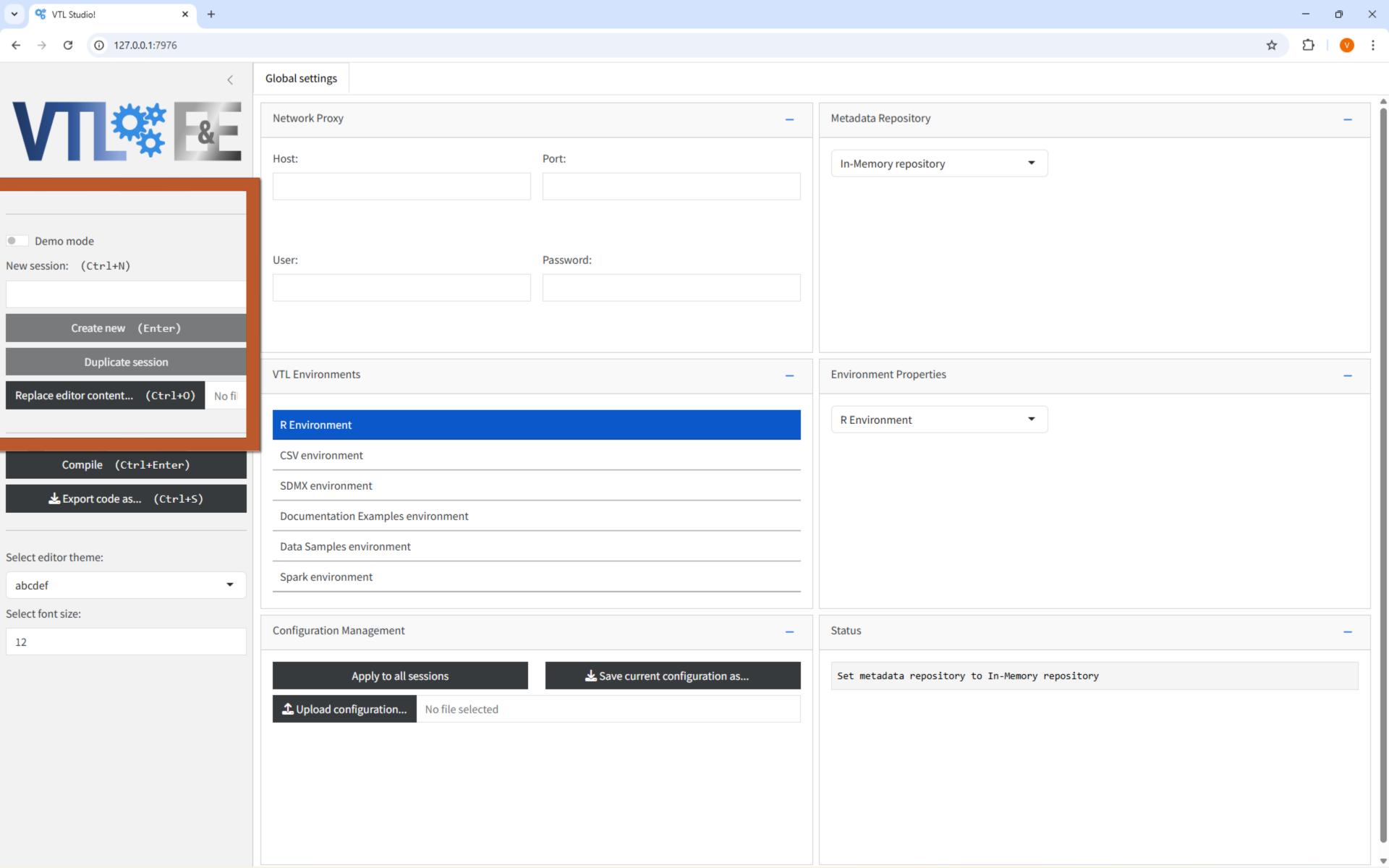
All the examples are preloaded, along with all necessary data and metadata: VTL Studio becomes a live, interactive VTL manual

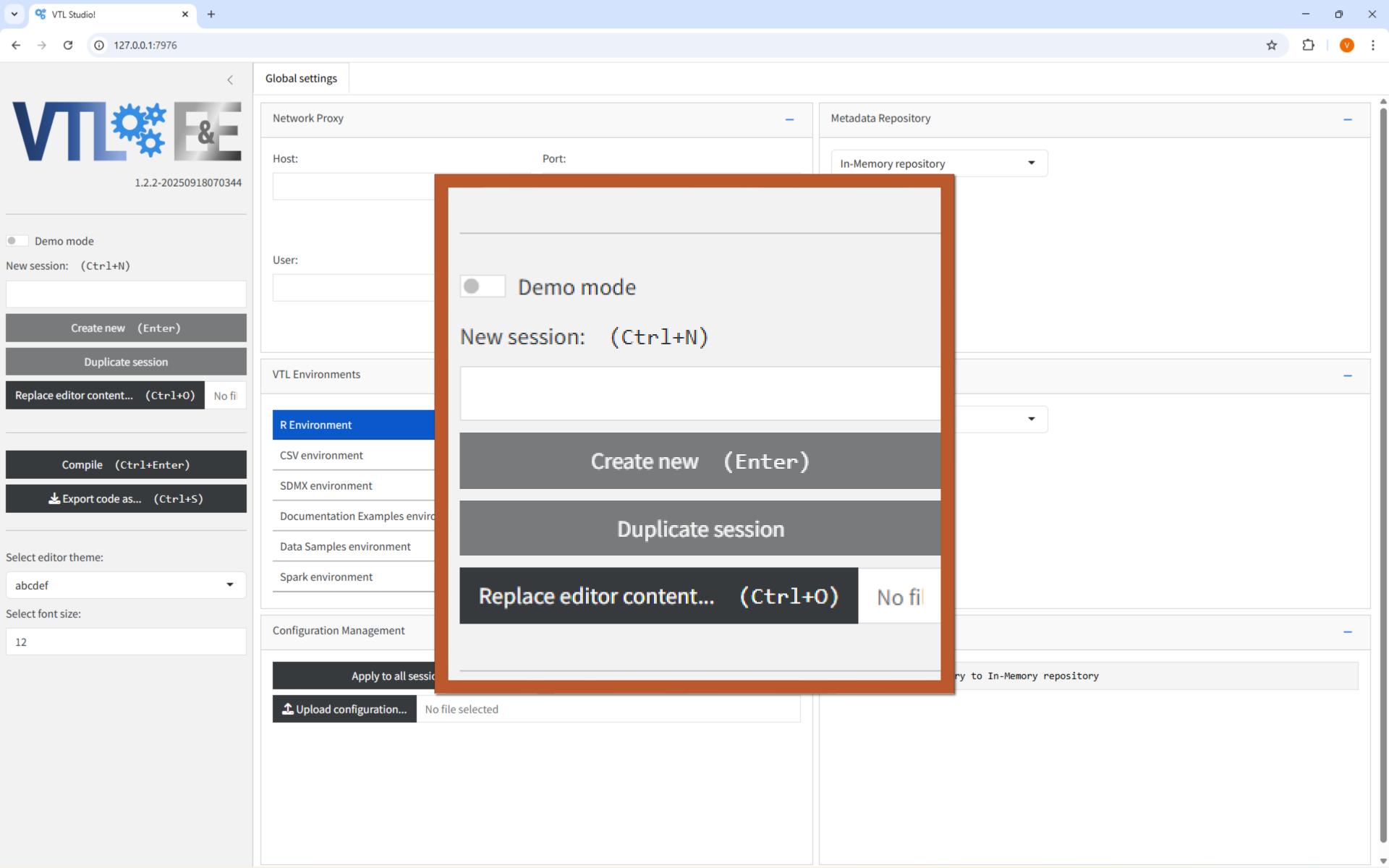
Users can read the VTL code, compile, execute, check the results

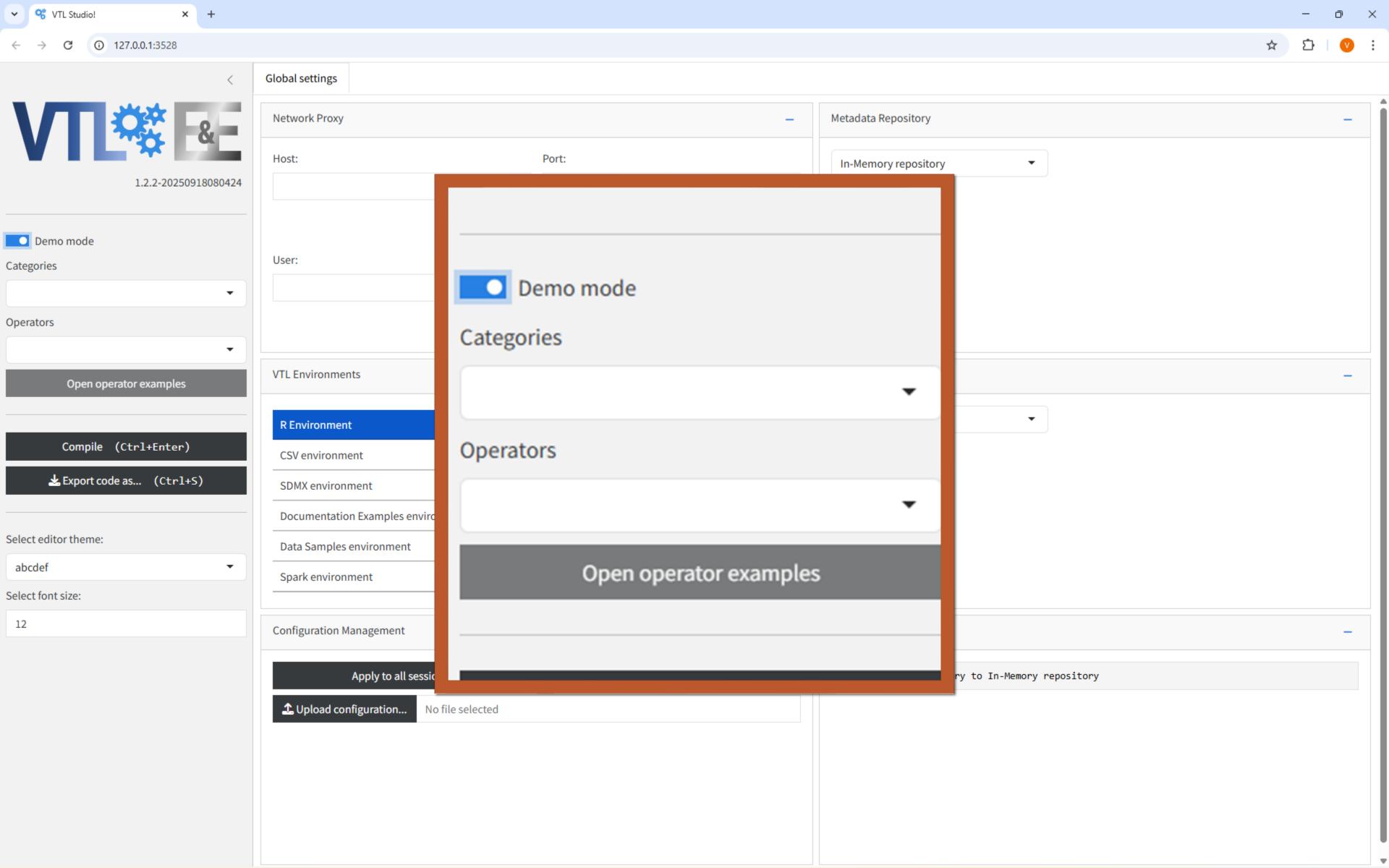
The demo mode examples are not locked: they can be modified, allowing users to experiment use cases that are not covered by the manual

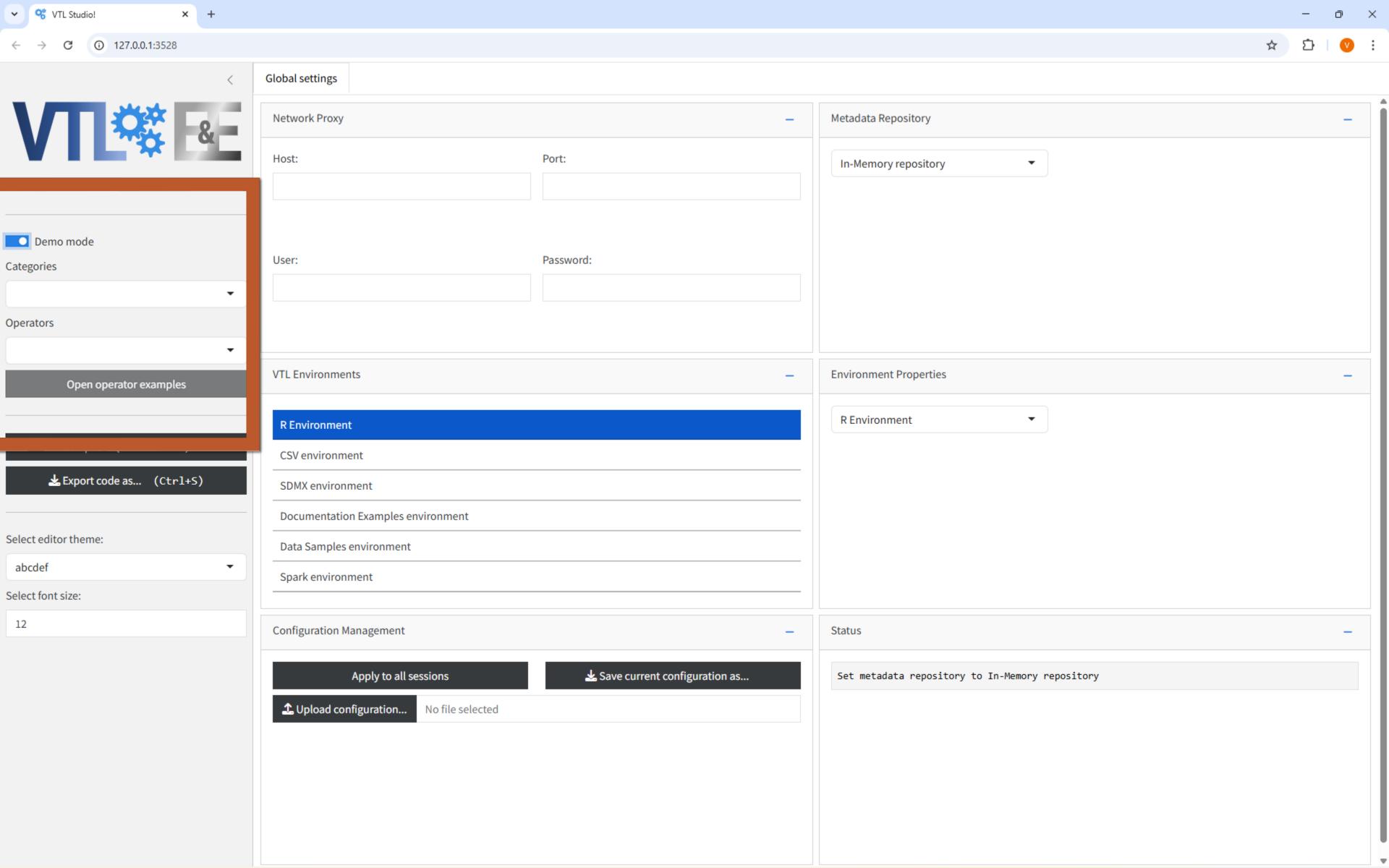


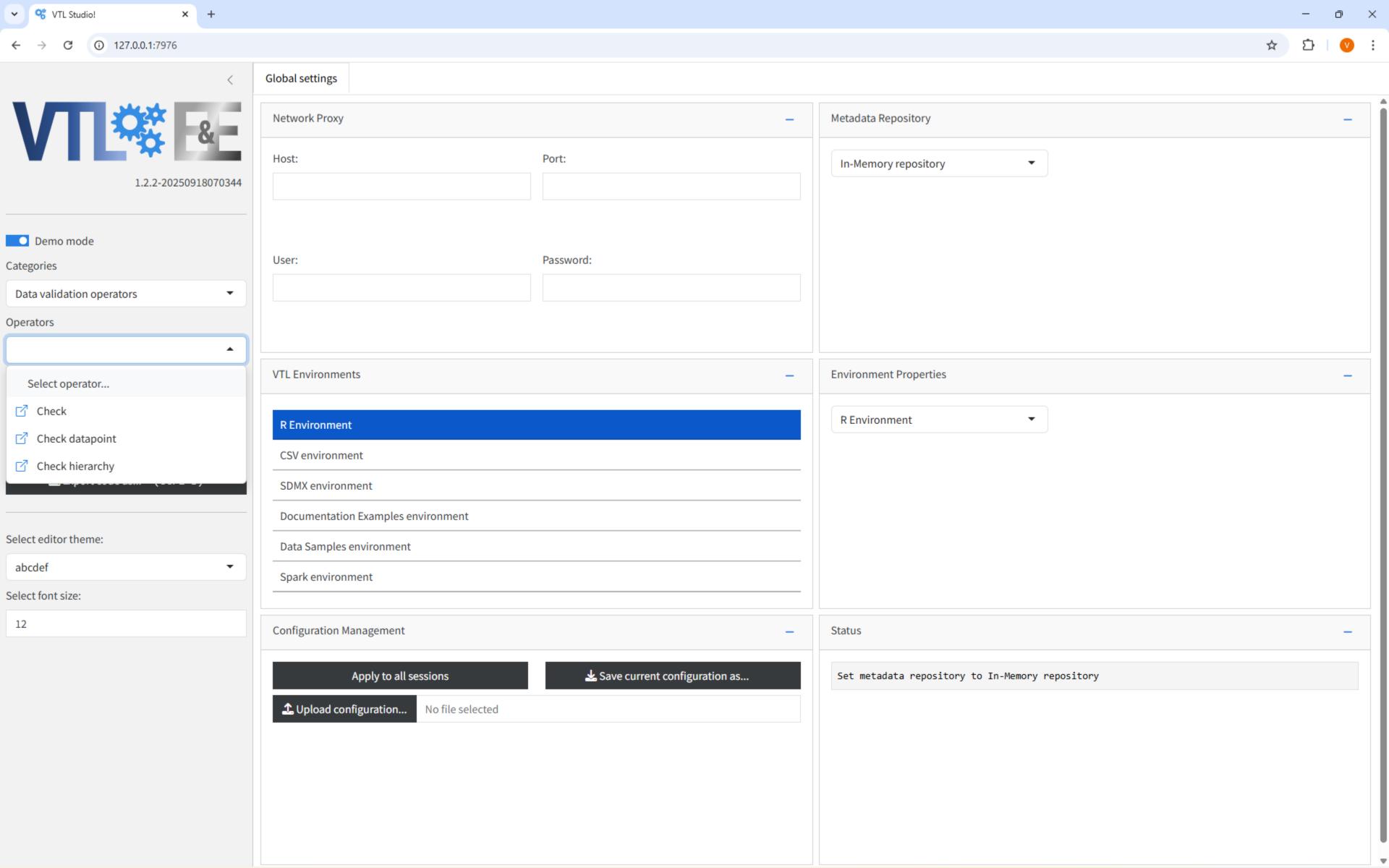
```
RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
                                             - Addins -
🔾 🔻 😭 📹 🚽 🔚 📄 📗 👝 Go to file/function
 Console Terminal ×
                  Background Jobs ×
 R version 4.4.3 (2025-02-28 ucrt) -- "Trophy Case"
 Copyright (C) 2025 The R Foundation for Statistical Computing
 Platform: x86_64-w64-mingw32/x64
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 Scrivi 'license()' o 'licence()' per maggiori dettagli.
 R è un progetto collaborativo con molti contributi esterni.
 Scrivi 'contributors()' per maggiori informazioni e 'citation()'
 per sapere come citare R o i pacchetti nelle pubblicazioni.
 Scrivi 'demo()' per una dimostrazione, 'help()' per la guida
 oppure 'help.start()' per la guida nel browser HTML.
 Scrivi 'q()' per uscire da R.
 > library(RVTL)
 Caricamento del pacchetto richiesto: rJava
 Caricamento del pacchetto richiesto: R6
 Caricamento del pacchetto richiesto: shiny
 JRI Rengine initialized: 1027007693
 VTL settings loaded from
                                          /.vtlStudio.properties.
 > vtlStudio()
 Listening on http://127.0.0.1:7976
```

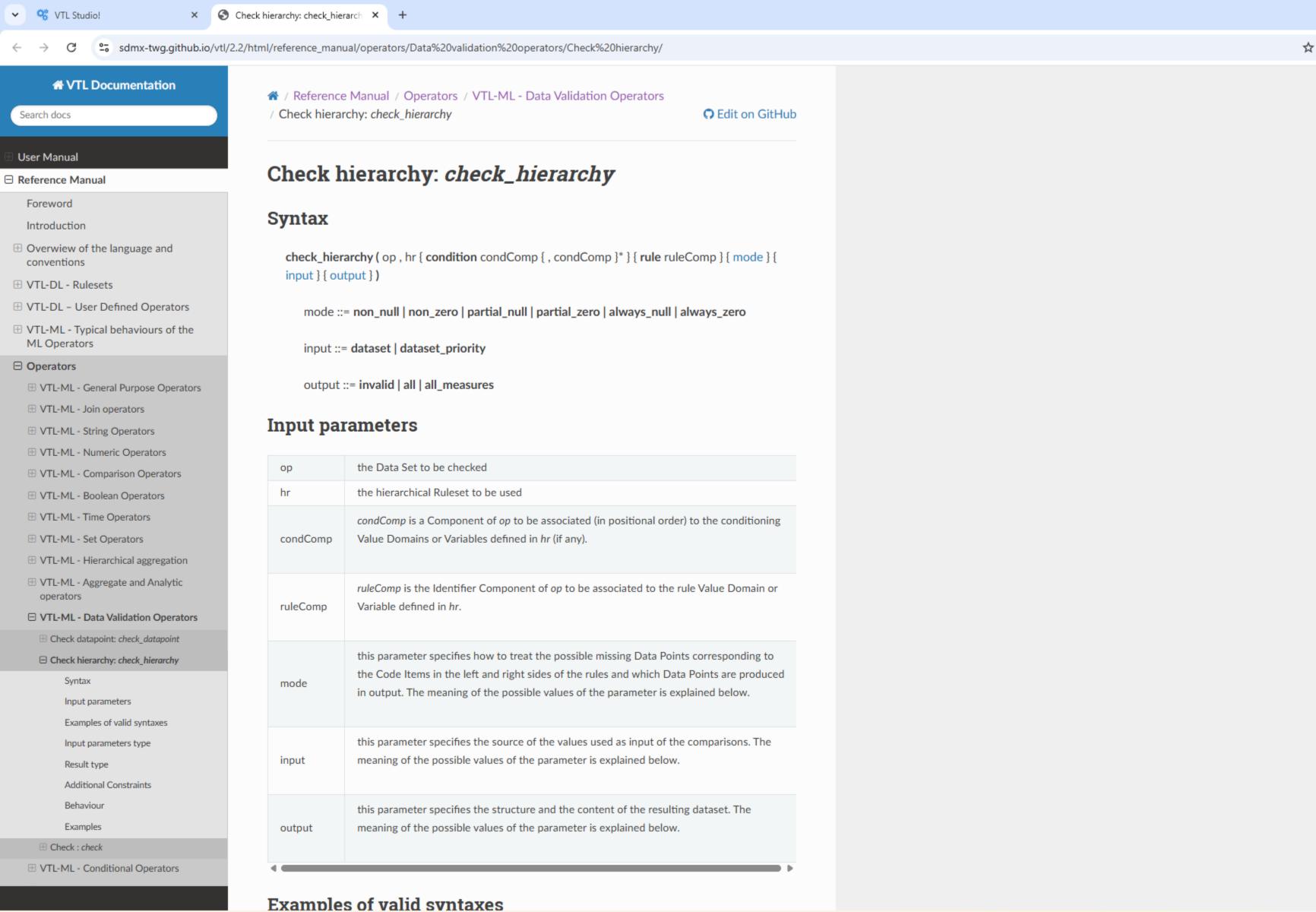


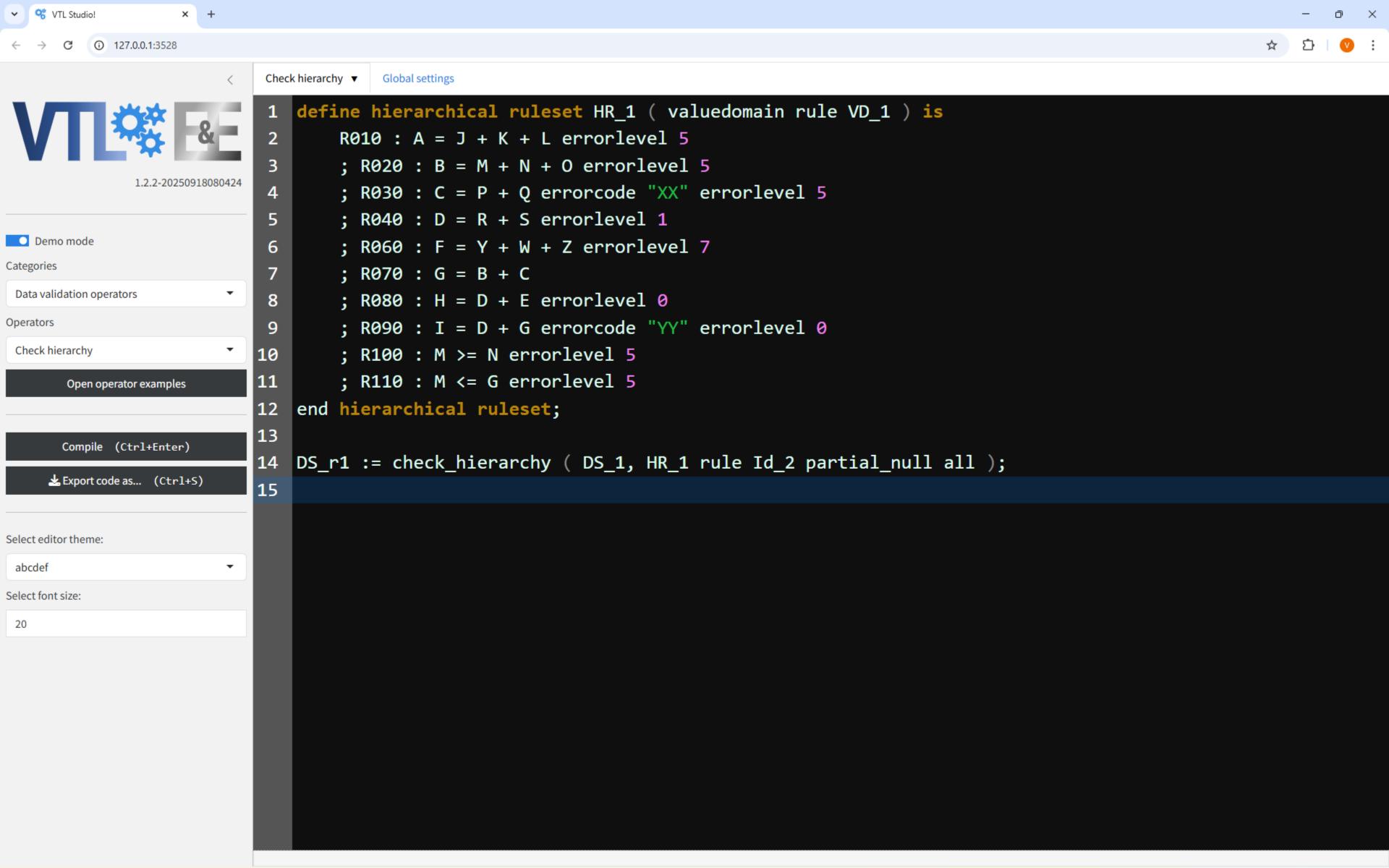


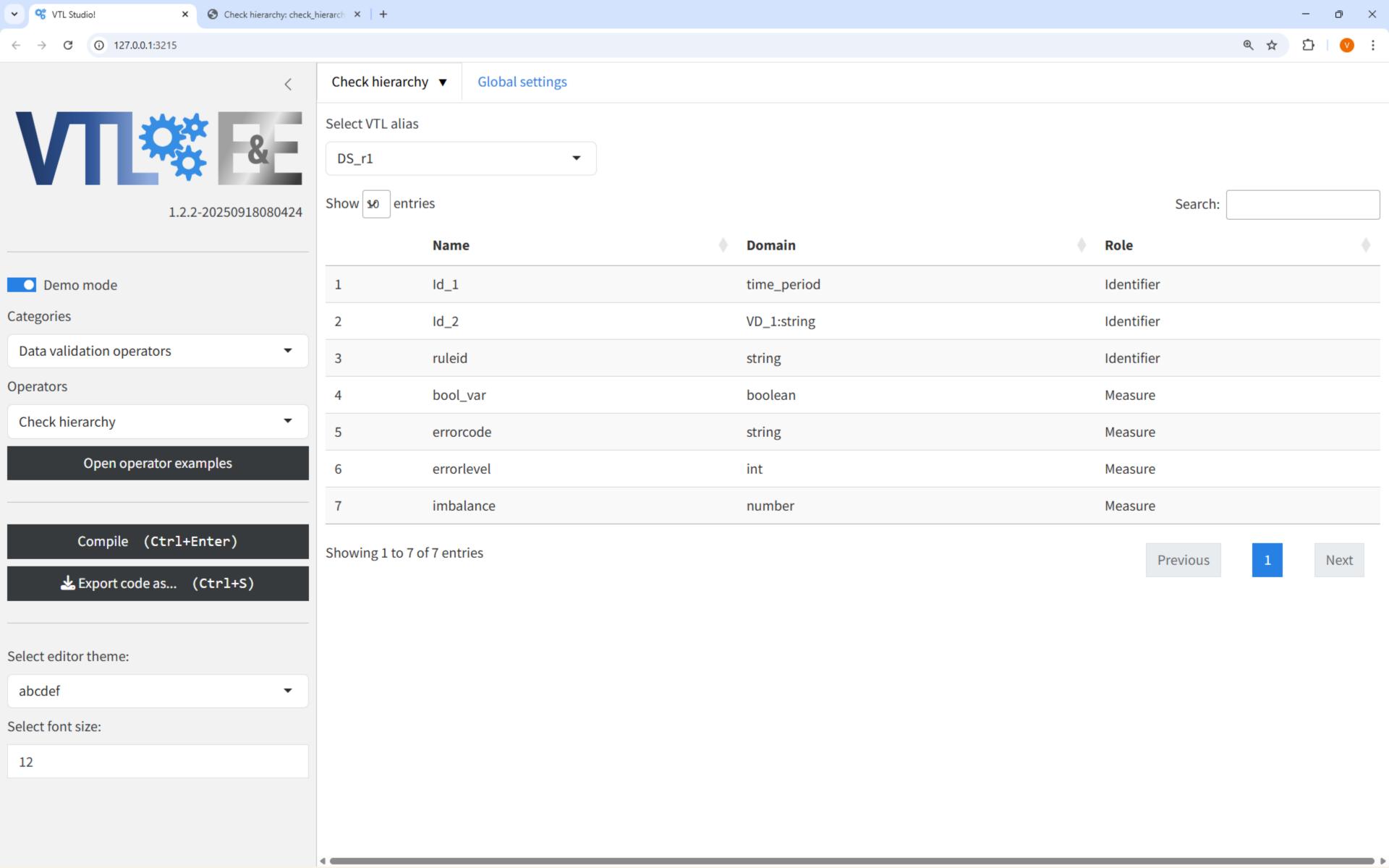


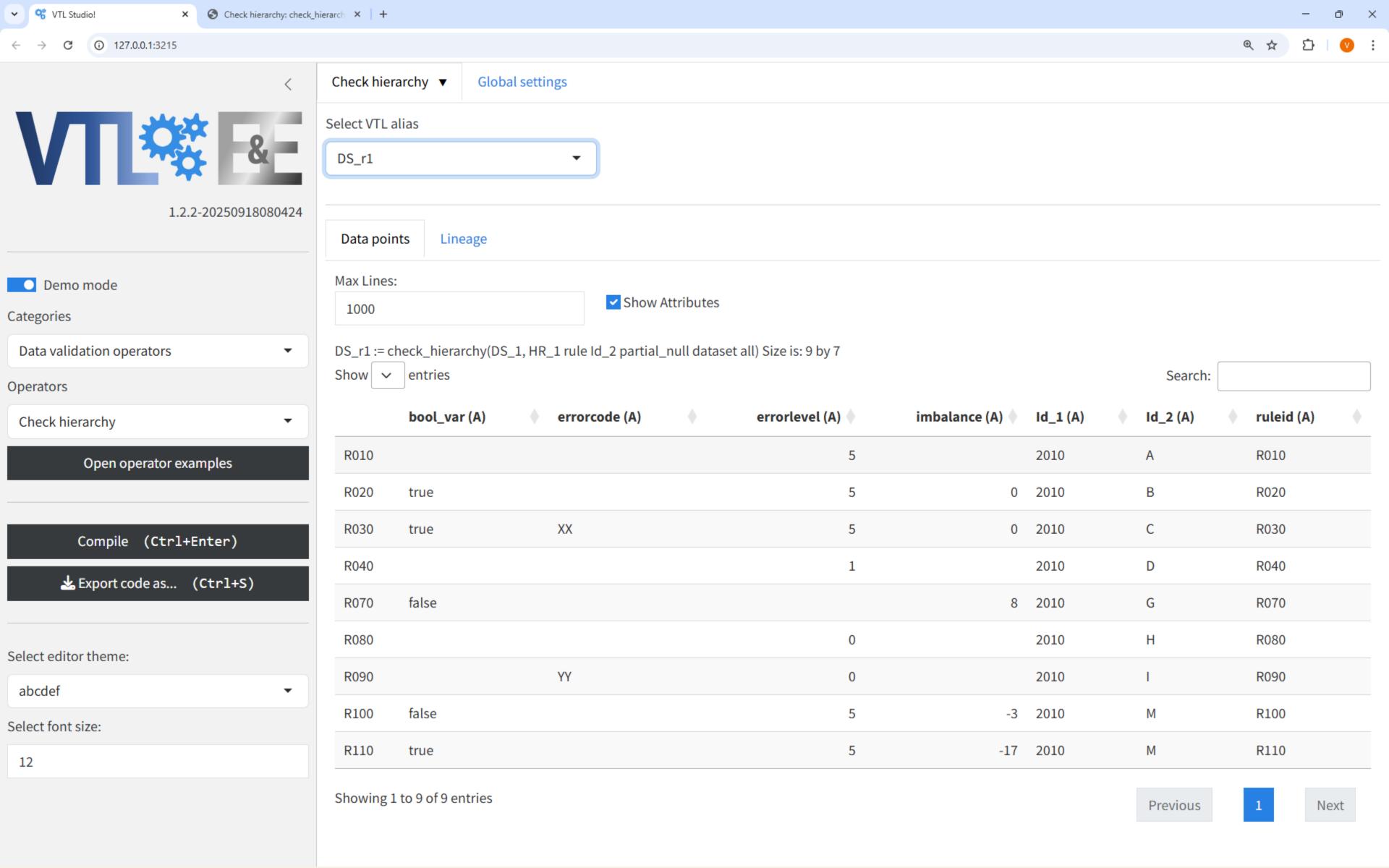


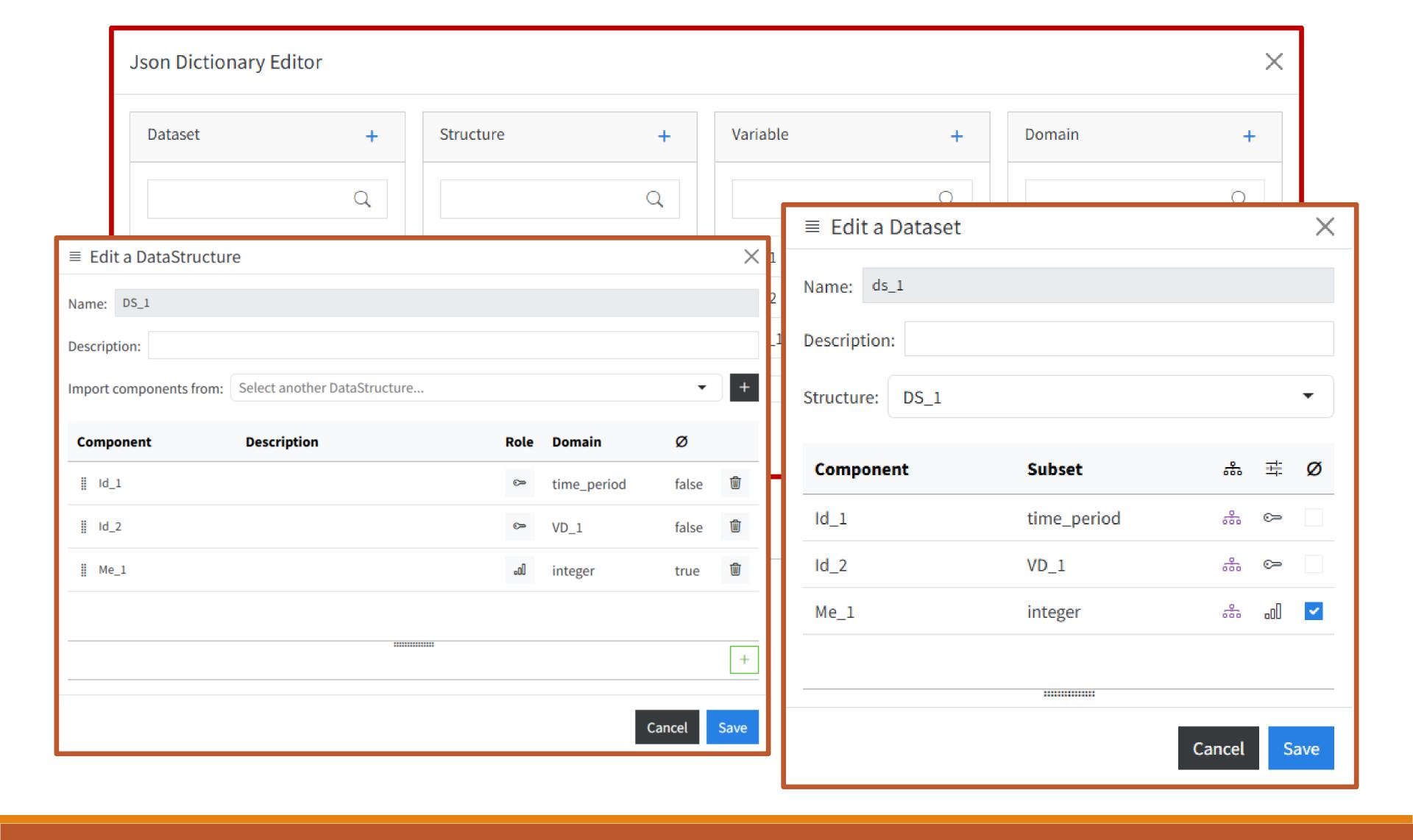


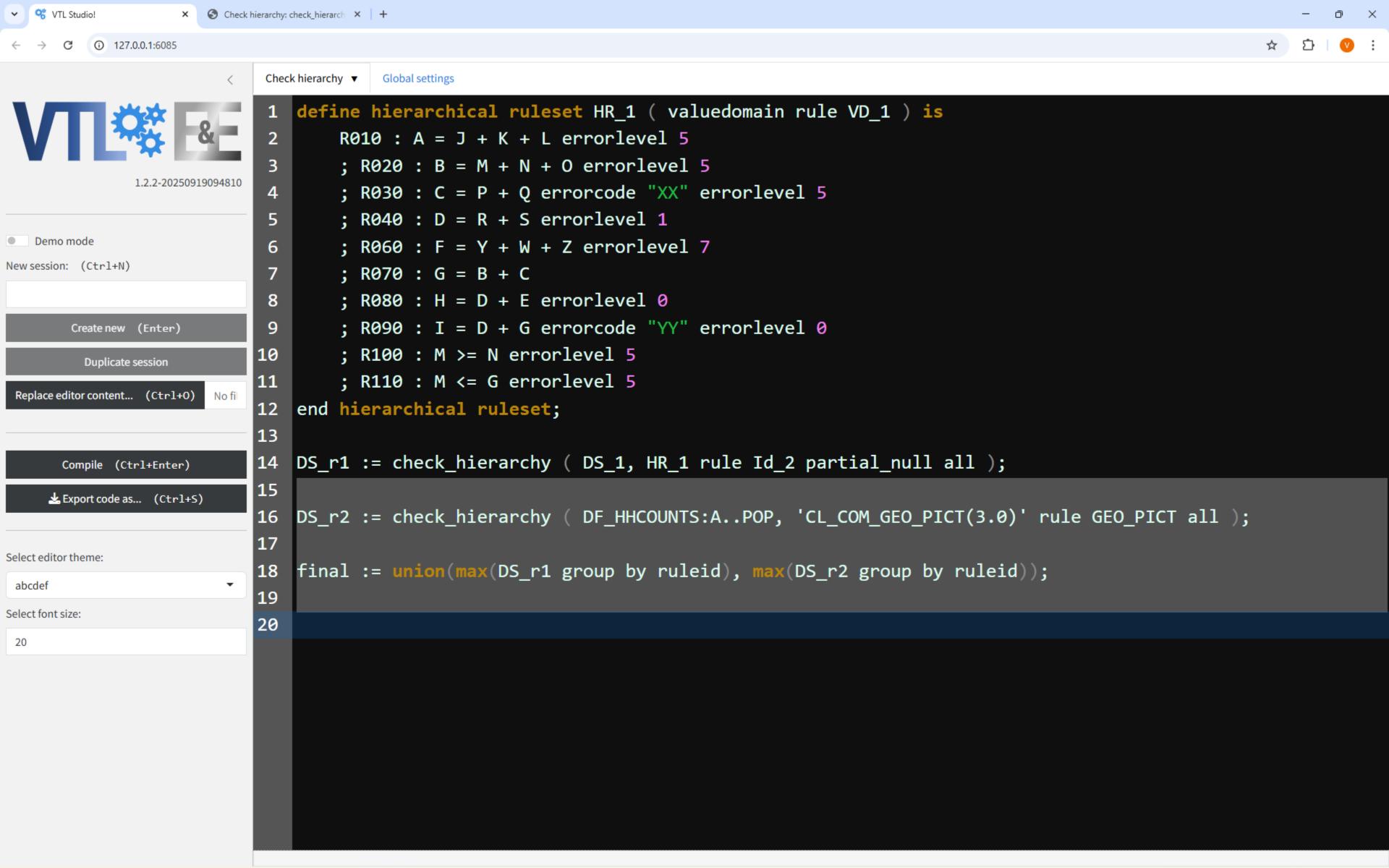


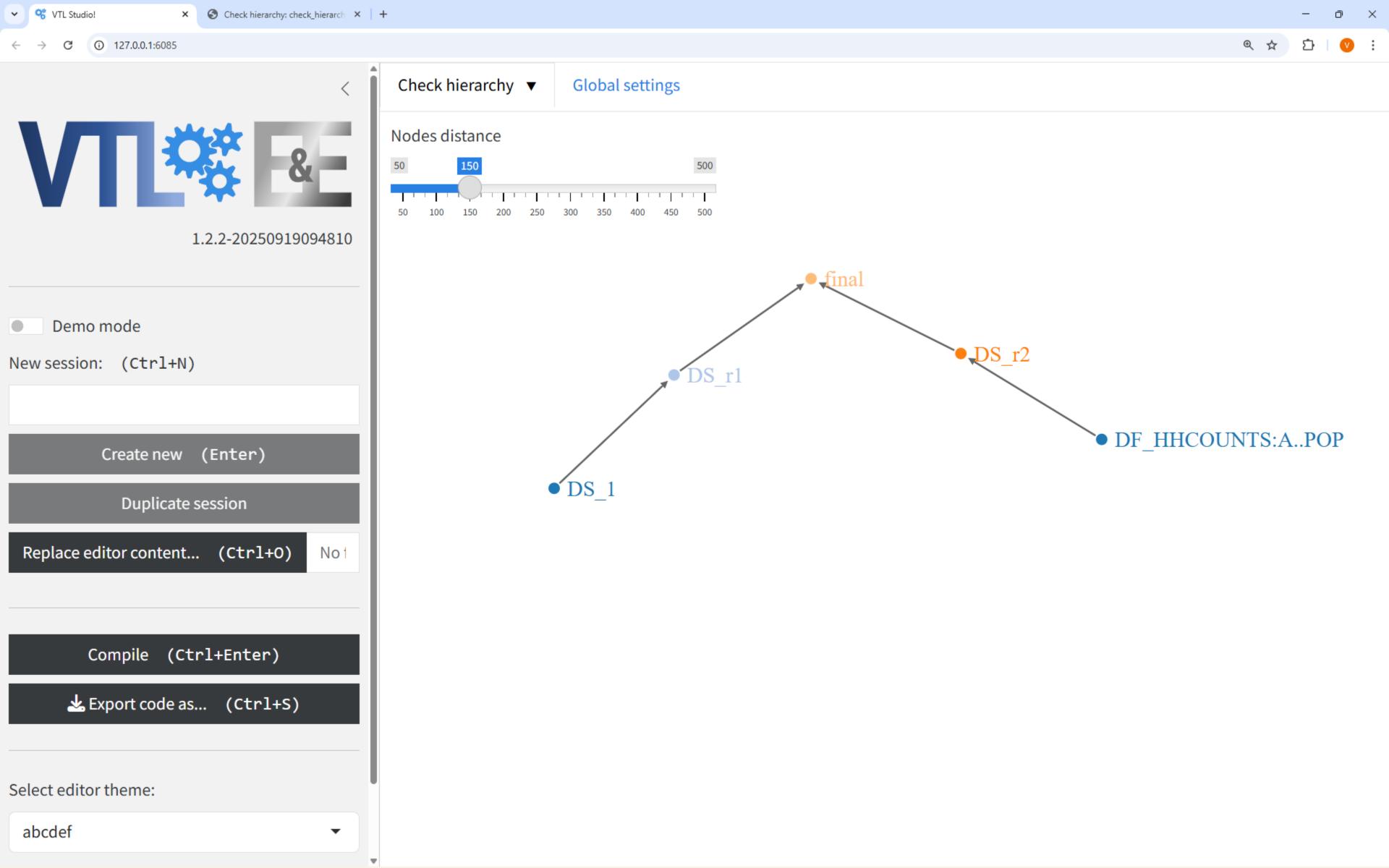












Thanks