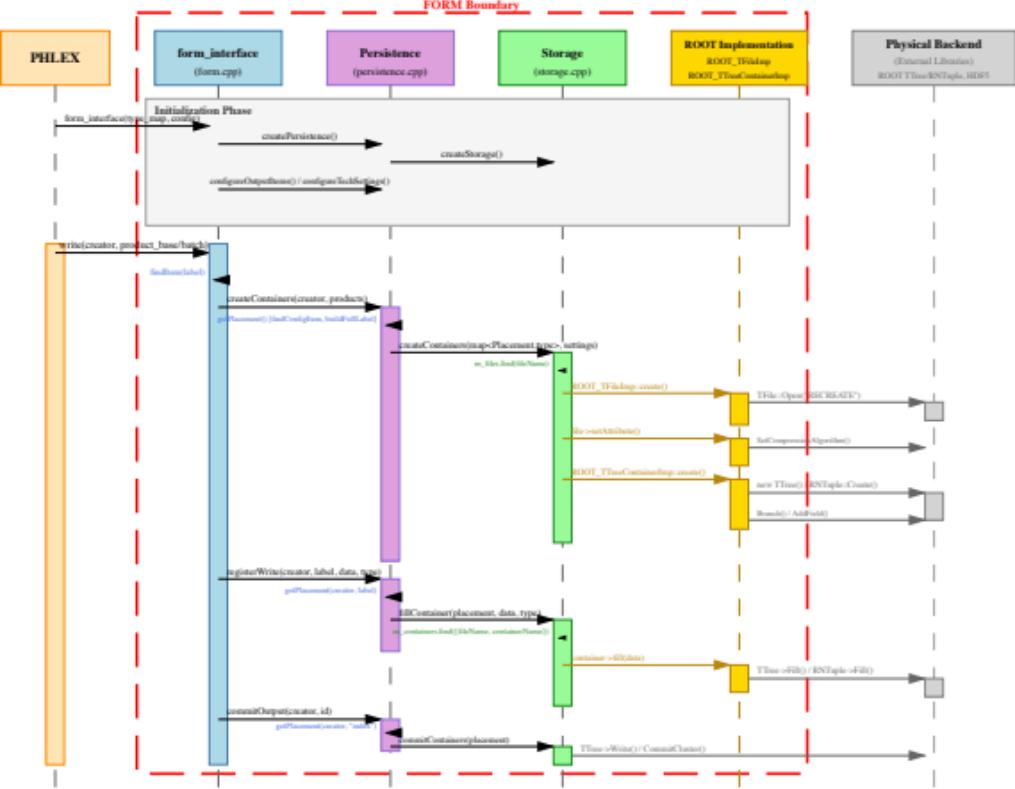


## **FORM: Write Operation**



#### **Station Layer Details**

- = n\_file: map(fileName, Storage\_File)
  - = container: map(fileName, containerName), Storage\_Container
  - = Container key = (fileName, containerName)
  - = File created once, containers reused
  - = setAttribute() applies tech specific settings
  - = setupWin7pro creates branchrepositories
  - = filr() stages data, commit() writes to disk
  - = Index contains map ID → entry number
  - = Mode W → computePath, V → importPath
  - = NOLOOP, PHLEX (cells work) once per event
  - = HORM (universes, ONE, two, import) at a time

Element Structures

- ```

- fileNames: "responses"
- containerName: "Troy_Stacker/trashBin"
[full_label := containerLabel]
- technologies: ROOT TIER/ROOT ENTITLEMENT/HIGH

```

RCM Implementation Layer (SPE)

- **RIGIT\_TFileOp:** Implements Storage\_File interface
    - ↳ RIGIT\_TFile class
    - ↳ Manage file opening, closing, attributes.
  - **RIGIT\_TFileContainerOp:** Implements Storage\_Container interface
    - ↳ RIGIT\_TFile class
    - ↳ Handle branch creation, filing, committing
  - **RIGIT\_TBranchContainerOp:** For individual branches
    - ↳ This layer handles SCM storage classes → RIGIT API

ECONOMICS

- Real box shows PFORM components
  - PHILIP (left) calls PFORM, but in sequence
  - Physical Backend (right) is external ROOT library
  - Global answers == calls to ROOT implementation layer
  - Gray answers == ROOT implementation calls external library
  - PFORM == linear interface to PHILIP and ROOT