ERDMS Context

EU ERDMS Application
(Central Application & Database Server)

GUI

User(s)
(country data managers)

EU Data Manager
(RIS Data Admin
Focal Point)

Validate &
Accept

1

4 RIS DataMangement Service Datamanagement (GUI)

4 RIS DataMangement Service (GUI)

Mutations

2 RefTool-Database
-Ris index
Locations
-ADN
-HS codes
-Countrycodes
-Container types
-Ship (vessel) types
-Inner Package types
-NtS codes .

Central EU Database containing the ACTUAL MASTER Reference data .

Application to application Interconnection using Web Services

3 RIS DataMangement Service (Web service)

Webservice

Request Updates

Synchronise

Write/Req Updates

Mutations

ERDMS CLIENT(S)

Client DB
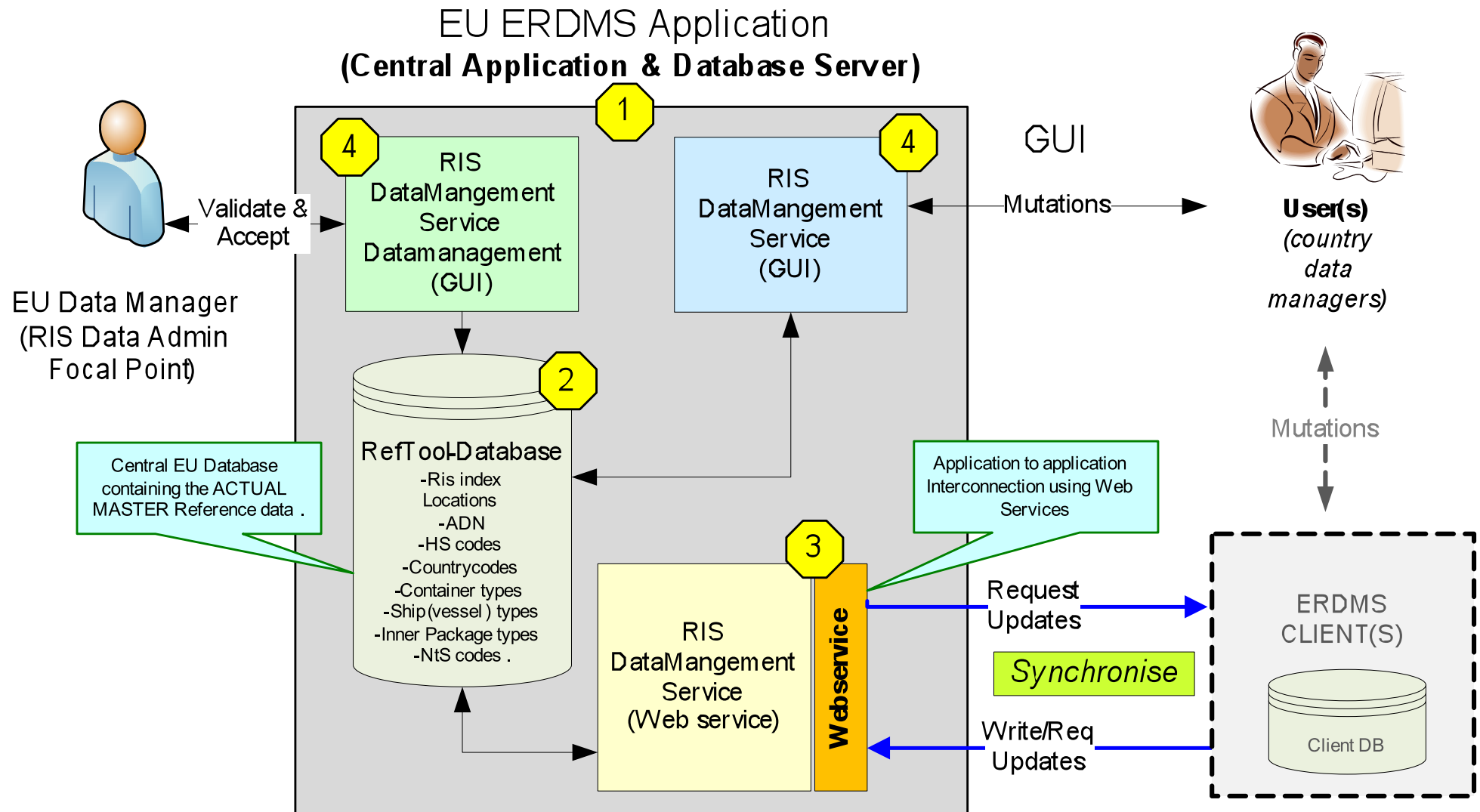
ERDMS Technical Environment

(Open Source)

1. Application server
   - Glassfish V2.1 or higher, running on Linux.
     http://glassfish.java.net

2. Database server
   - PostgreSQL V8.3.5 or higher, runing on Linux.
     http://www.postgresql.org

3. Web Service Interface
   - Soap Document Style, Literal wrapped.
     WSDL: http://risdatamanagement.ris.eu/refws/v1/RefWebService.wsdl

4. Web GUI Interface.
   - Internet interface via o.a: Internet Explorer v8->, FireFox 7->

   Server(s) Operating system
   - Red Hat Enterprise Linux V5 or higher.

ERDMS Development Environment

- Java (JDK v1.6) + Java scripting (jsp)

- JDBC using SQL-92 (database access)

- Style sheets (CSS)

Other used (optional) development tools:

- NetBeans IDE v7.0 or higer (Integrated Java development).

- CVS v1.11.22 (source version control system)

- PG Admin v1.14 or higher (Database access utility).

- SoapUI v3.6.1 or higher (Soap Web services test tool).