

NOTES (last updated 2013May20):

1. This diagram represents the 3 deployable modules of OpenCDS in the yellow boxes.

2. OpenCDS RunTime Repository is currently file-based on the server.

3. C.A.T. can push KMs, mappings, and config files to the server, and command OpenCDS RunTime to dynamically load them.

4. C.A.T. has user interface screens to maintain codes and mappings, with or without the use of external terminology services (some functionality still under development).

5. External terminology management is optional.

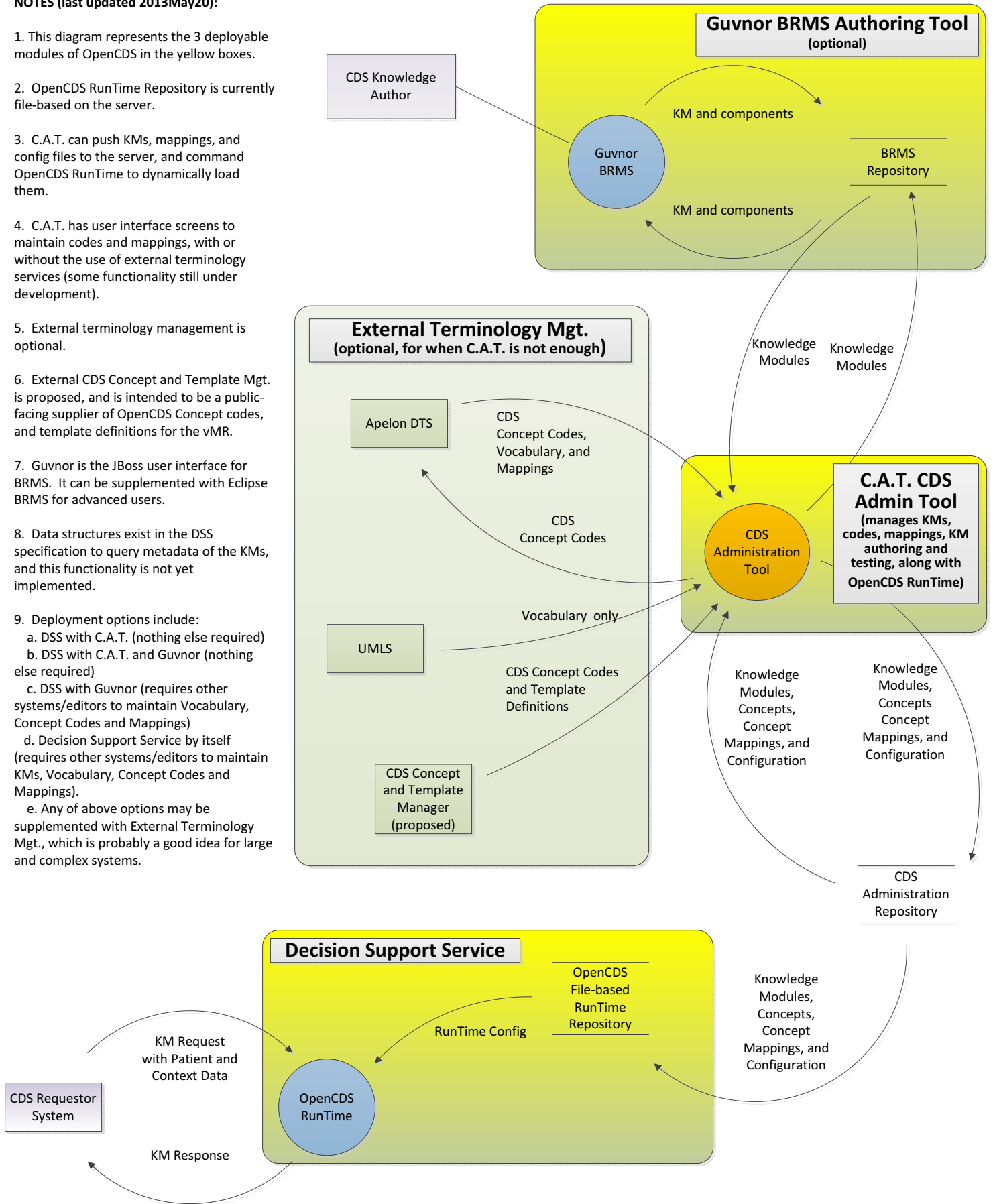
6. External CDS Concept and Template Mgt. is proposed, and is intended to be a public-facing supplier of OpenCDS Concept codes, and template definitions for the VMR.

7. Guvnor is the JBoss user interface for BRMS. It can be supplemented with Eclipse BRMS for advanced users.

8. Data structures exist in the DSS specification to query metadata of the KMs, and this functionality is not yet implemented.

9. Deployment options include:

- a. DSS with C.A.T. (nothing else required)
- b. DSS with C.A.T. and Guvnor (nothing else required)
- c. DSS with Guvnor (requires other systems/editors to maintain Vocabulary, Concept Codes and Mappings)
- d. Decision Support Service by itself (requires other systems/editors to maintain KMs, Vocabulary, Concept Codes and Mappings).
- e. Any of above options may be supplemented with External Terminology Mgt., which is probably a good idea for large and complex systems.



OpenCDS Data Flow using JBoss Business Rules Management System (BRMS), OpenCDS Clinical Decision Support Admin Tool (C.A.T.), and OpenCDS RunTime