

Deployable Component

the application code and configuration bundle that can be deployed to run a set of information manipulation operations.

Specifics

It's the code and configuration that can be deployed and run in an executable environment and that has a set of information operations it performs on data from a unique set of consumer and producer relationships with other deployable components.

Deployable components may be either functional or non functional.

Functional deployable components perform meaningful business information operations on their inputs.

Non-functional deployable components have no business meaningful operations, but are generally involved in transmission, translation (such as changing encoding), or operational aspects of information systems.

The whole set of deployable components in an information architecture fully perform all the information operations in an enterprise from where data enters the enterprise by user action, environment sensing, or receipt from a customer or partner enterprise, so it is important that if a deployable bundle is configured to have different functional relationships it is a different deployable component. For example an executable bundle that stores messages without parsing them may be deployed twice, once in support of order message handling components, and once in support of trade handling components. The same bundle must be considered to be part of two different deployable components because the data is different and the components relationships are different.<need an illustration>