Common Component Specification Proposal

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Title   Architecture Overview

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Status   New

Version   1.1 (revised)

Executive Summary

This document contains a proposal to the Common Component Standards (CCS) Steering Committee to form a new project team whose goal it is to produce a specification for an *Architectural Overview* to define the core components and interfaces within the CCS framework.   The following sections of the document describe in general terms what the Architectural Overview is, the benefits it provides to application developers, and what the team's deliverables would be.

Component Description

The Architectural Overview Specification would follow the OpenEdge Reference Architecture (OERA) and define the umbrella architecture for all common components. The Architectural Overview defines the components required for a complete framework. Additionally it defines the interfaces and protocols for components to interoperate. It will also identify the different classifications of components according to the OERA including how to deal with auxiliary components.

This specification will identify the initial set of specifications required to define Version 1.0 of the Common Component Specifications.

All Common Component Specifications will be required to adhere to the protocols defined by this specification.

Benefits to Framework and Application Developers

The benefit of an Architectural Overview Specification is a single, cohesive definition that can be implemented to ensure that components from different vendors can

operate together. Without this specification it will be nearly impossible for framework vendors to produce interoperable components.

For application developers, if a framework component adheres to this Architectural Overview then they can be assured that the framework can interoperate with other frameworks.

Related / Dependent Common Component Specifications

None.

Project Team

The Architectural Overview Specification team will regularly update the CCS Steering Committee on the progression of the API specification.   Within the timeframe of 60 days the team will offer a review of a draft API specification to the CCS Steering Committee and receive feedback about what if any additional work needs to take place before version one of the specification will be posted for general comment.

Completing the project and releasing the specification will happen upon delivery to the CCS Steering Committee a github project that contains a signed off version of the specification.