

web services integration

Web services integration is not about centralizing services. Rather it is about building upon standards and open-source technologies so that businesses and institutes can benefit from web-based services and incur on-going long-term cost-savings.

This approach not only addresses fiscal concerns it also mitigates concerns over ownership of data. By pulling all data from the authoritative database and creating a standardized well architected data warehouse the data can be used and shared by various web-based applications while allowing the ownership and data maintenance to remain distributed.

In addition to developing the standardized data warehouse building on a XSLT/XML framework further allows content to be developed (inputted) once and published everywhere. Not only can the content be called by external company/institute sites managers, who can then apply their own style sheet so that the data appears to be local content, it can be syndicated via RSS and subscribed to by users. Once a RSS/XML feed is established aggregating data for purposes such as an enterprise-wide web portal with single sign-on can be easily facilitated. The following graphic diagrams San Jose State's approach.

