

# Seam Telco Framework

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The Seam Telco Framework (STF) is a telecommunications application framework based on the JSR-289 specification, and JBoss Seam. The framework plugs the SIP Servlets 1.1 stack into new or existing JBoss Seam applications. Media is achieved through JSR-309. This allows Seam components to implement both the Web and telecommunication logic of the applications.

The primary goals of the STF are to:

- Unify Web, SIP, and media telecommunication applications.
- Allow complex enterprise applications to be built using the same programming model.
- Keep logical associations between SIP, Media and Web sessions.

From an integration perspective, JBoss Seam provides access to different frameworks. These frameworks are made available to the telecommunication-specific applications for a particular role using the same context.

The STF manages SipServletRequests and Media Server events, while utilizing existing JBoss Seam framework benefits, including:

- Bijection
- Inversion of Control (IoC)
- Interceptors
- Scoping
- Transaction management

Other advantages associated with the STF include:

- Enterprise Java Beans (EJB) and Plain Old Java Objects (POJO) support.
- Loosely-coupled, asynchronous telecommunication component support.
- Web-layer interaction support.
- Synchronous and asynchronous light-weight message passing using @Observer-annotated methods.
- Integration with existing Seam IDE tools and infrastructure syntax.

More information about the STF can be found on the [STF homepage](#). For information about JBoss Seam, refer to the [community documentation](#).