

2.2 Library for Keycloak SSO Integration

Below is a list of libraries that supports Keycloak SSO Integration with the suitable Programming Language and framework. The website or application environment must meet the required language and framework versions before installing the library.

Table 2: List of Libraries for SSO Integration

Language	Language Version	Framework	Framework Version	Library	Library Version
Node.js	12.x, 14.x	Express.js	4.x	keycloak-connect	11.x

Language	Language Version	Framework	Framework Version	Library	Library Version
	16.x+	Express.js	4.x	keycloak-connect	12.x
	14.x+	NestJS	7.x to 9.x	nest-keycloak-connect	2.x
	16.x+	NestJS	10.x	nest-keycloak-connect	3.x
Java	8+	Spring Boot	2.x	spring-boot-starteroauth2-client	2.x
	11+	Spring Boot	2.x	spring-security-oauth2	5.x
	8+	Java EE (Jakarta EE)	8.x	keycloak-java-adapter	1.x
	4+	Quarkus	1.x	keycloak-authorization	1.x
Python	3.6+	Flask	1.x to 2.x	flask-oauthlib	0.9
	3.6+	Django	3.x	django-oauth-toolkit,	1.x
	3.6+	FastAPI	0.68+	fastapi-keycloak	1.x
PHP	8.1+	Laravel	10.x	laravel-keycloakguard	3.x

	8.0+	Laravel	9.x	laravel-keycloakguard	2.x
	7.4+	Laravel	7.x to 8.x	laravel-keycloakguard	2.x
	7.0+	Codeigniter	3.x	oauth2-client	1.x
	7.4+	Codeigniter	3.x	oauth2-client	2.x
	8.0+	Codeigniter	4.x	openid-connect-php	3.x
	7.4+	Symfony	4.x	knpuniversity/oauth2client	2.x
React	17.x+	Next.js	10.x+	next-auth (Keycloak provider)	3.x+
	16.x+	Gatsby	3.x+	gatsby-pluginkeycloak	1.x
.NET MAUI	6.x+	Xamarin	5.x+	Xamarin.Auth	1.x+
Ionic	6.x+	Angular	11.x+	angular-oauth2-oidc	11.x+
Swift	5.x+	SwiftUI	2.x+	OAuthSwift	2.x+
Language	Language Version	Framework	Framework Version	Library	Library Version
Kotlin	1.4+	Spring Boot	2.x+	spring-securityoauth2-client	5.x+
	1.4+	Ktor	2.x+	ktor-client-auth	2.x+
Dart	2.x+	Flutter	2.x+	flutter_appauth	0.9.x+
	2.x+	AngularDart	6.x+	angular_oauth2	6.x+
	2.x+	Aqueduct	4.x+	aqueduct_auth	4.x+