

# Wrangling RESTful Webservices from ORDS in APEX

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# Agenda

- Introductions
- Webservices 101
- OAuth2 Walkthrough
- ORDS Webservice Options
- Consumption from APEX
- Conclusion

# Introductions

- Raj Mattamal
- I Talk Fast
- Please Slow Me Down!

# Webservices Primer

# Webservices

- Heterogeneous Environments
- Standards Based
- “Consuming” Webservices
- Multiple Authentication Mechanisms

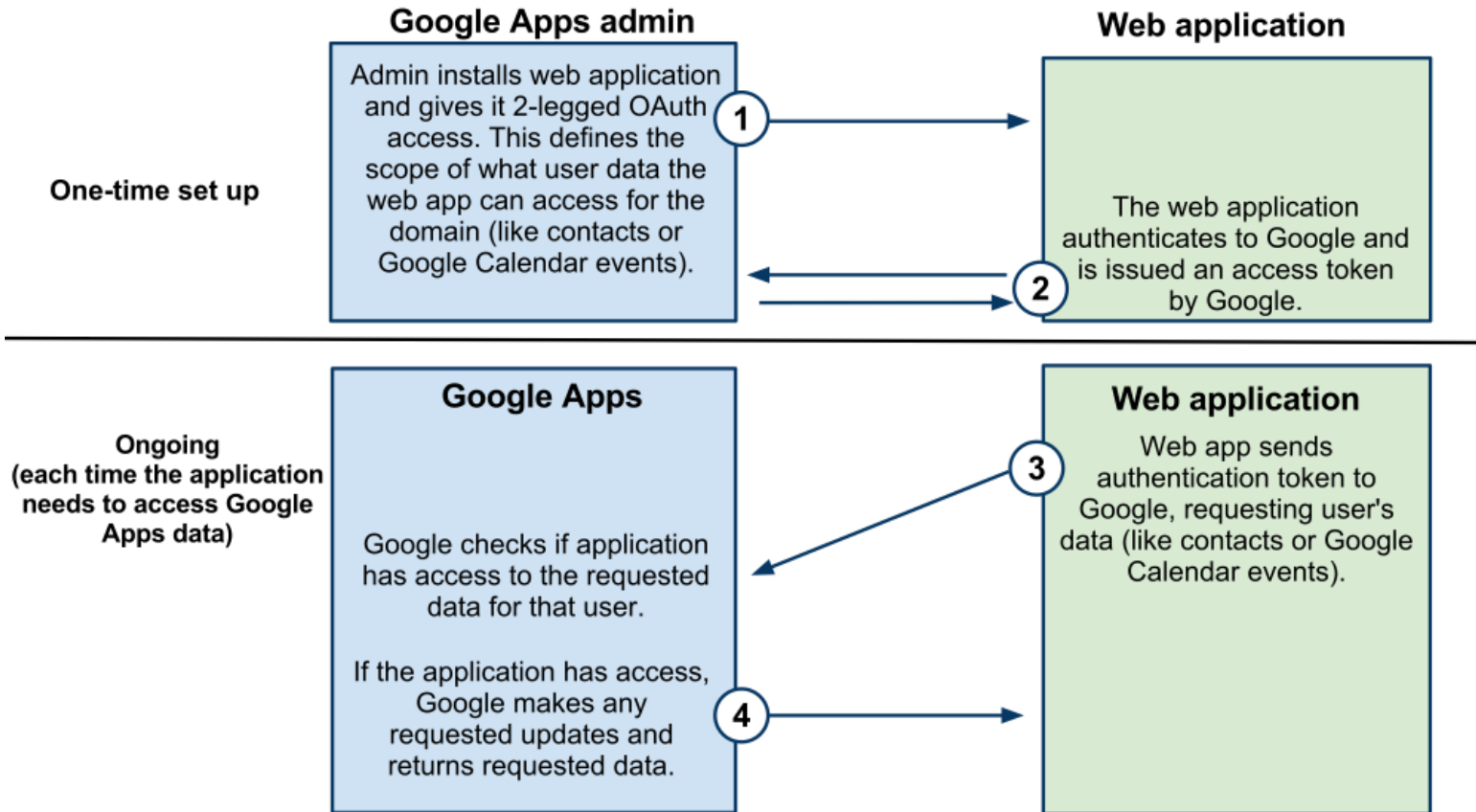
# Understanding OAuth 2.0

# Oauth 2.0

- Fast becoming (already is?) the most favored authentication mechanism
- Google Apps usage
- Ease of Implementation

## Overview of 2-legged OAuth in Google Apps

*This overview is intended for Google Apps Administrators*





# ORDS Webservice Options

# ORDS Webservice Options

- First Party vs. Third Party Authentication
- Implicit Grant vs Authorization Code Protocol Flows
- Architecture Considerations

# ORDS Configuration Overview

- Registering 3<sup>rd</sup> Party Application
- Getting Authorization Code
- Trade Authorization Code for Access Token
- Consumption Flow with Access Token

Enter: APEX

# APEX/ORDS Integration

- Understanding ORDS User roles in APEX
- Instance Administration Options
- Two-step authentication revisited
- Demo Setup

# DEMONSTRATION

# Conclusion







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