

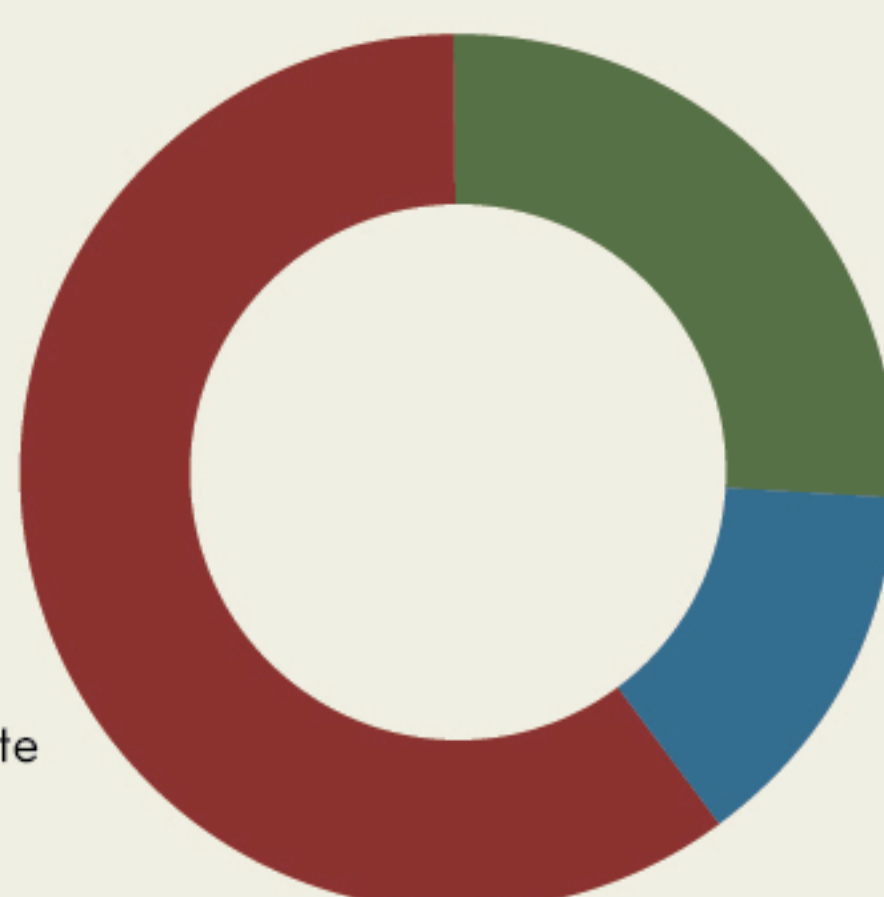
# THE STATE OF API DESIGN

Layer 7, a CA Technologies company, surveyed over 180 API Management professionals to look toward the future of API design and deployment. See what's in store for API programs.

API DESIGNERS ARE SPLIT OVER THEIR TOP PRIORITY: SECURITY OR USABILITY  
CLEARLY, BOTH REMAIN KEY ISSUES IN SUCCESSFUL API DESIGN



MOST API PROGRAMS INCLUDE (OR PLAN TO INCLUDE) PRIVATE APIS



APIS ARE SPLIT FAIRLY EVENLY BETWEEN XML AND JSON



HTTP VS. THE WORLD

DEPLOYMENT

API designers rely on special tools throughout the creation of API programs  
PERCENT OF DESIGNERS USING TOOLS IN THE FOLLOWING STAGES:

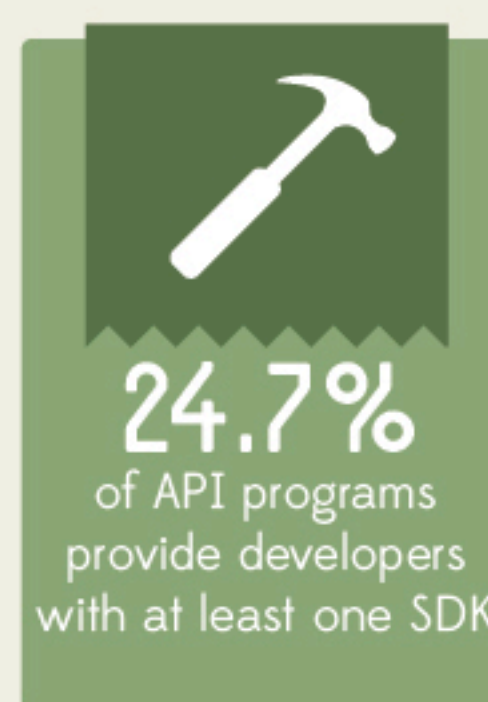
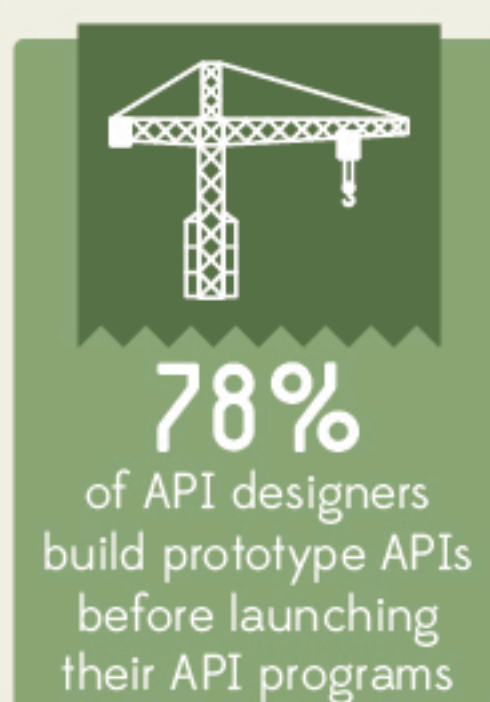
DESIGN AND DEVELOPMENT: 65.6%

TESTING AND DEPLOYMENT: 64.5%

SECURITY AND MANAGEMENT: 57.5%

DOCUMENTATION: 56.5%

PERFORMANCE MANAGEMENT: 40.3%



41.9%

SUPPORT SOAP OVER HTTP

With an additional 19.1% intending to add SOAP support

43.5%

SUPPORT CRUD OVER HTTP

With an additional 18.8% intending to add CRUD support

26.3%

SUPPORT HYPERMEDIA OVER HTTP

With an additional 28% intending to add hypermedia support

API PROGRAMS TARGET MULTIPLE DEVELOPERS



BUILDING SCALABLE, SECURE AND FLEXIBLE APIS THAT MEET YOUR ORGANIZATION'S NEEDS IS NO EASY TASK.  
UNDERSTANDING THE DIFFERENT DESIGN CHOICES IS KEY TO MAKING YOUR API PROGRAM EFFECTIVE.

This infographic was based on online surveys with over 180 API Management professionals and enterprise architects.

