



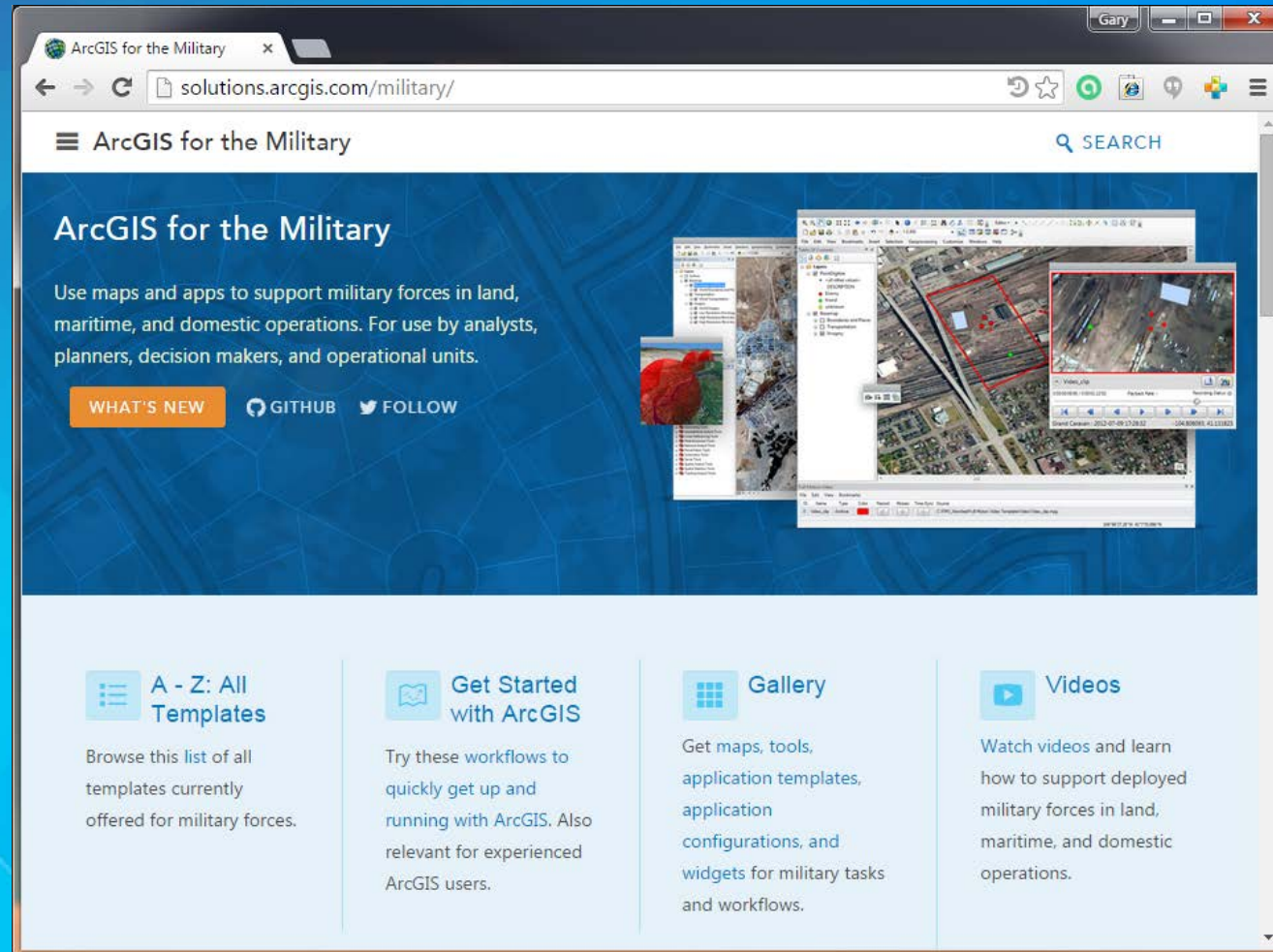
Vehicle Commander for Military Operations

Gary Sheppard

Esri International User Conference 2015

ArcGIS for the Military

<http://solutions.arcgis.com/military/>

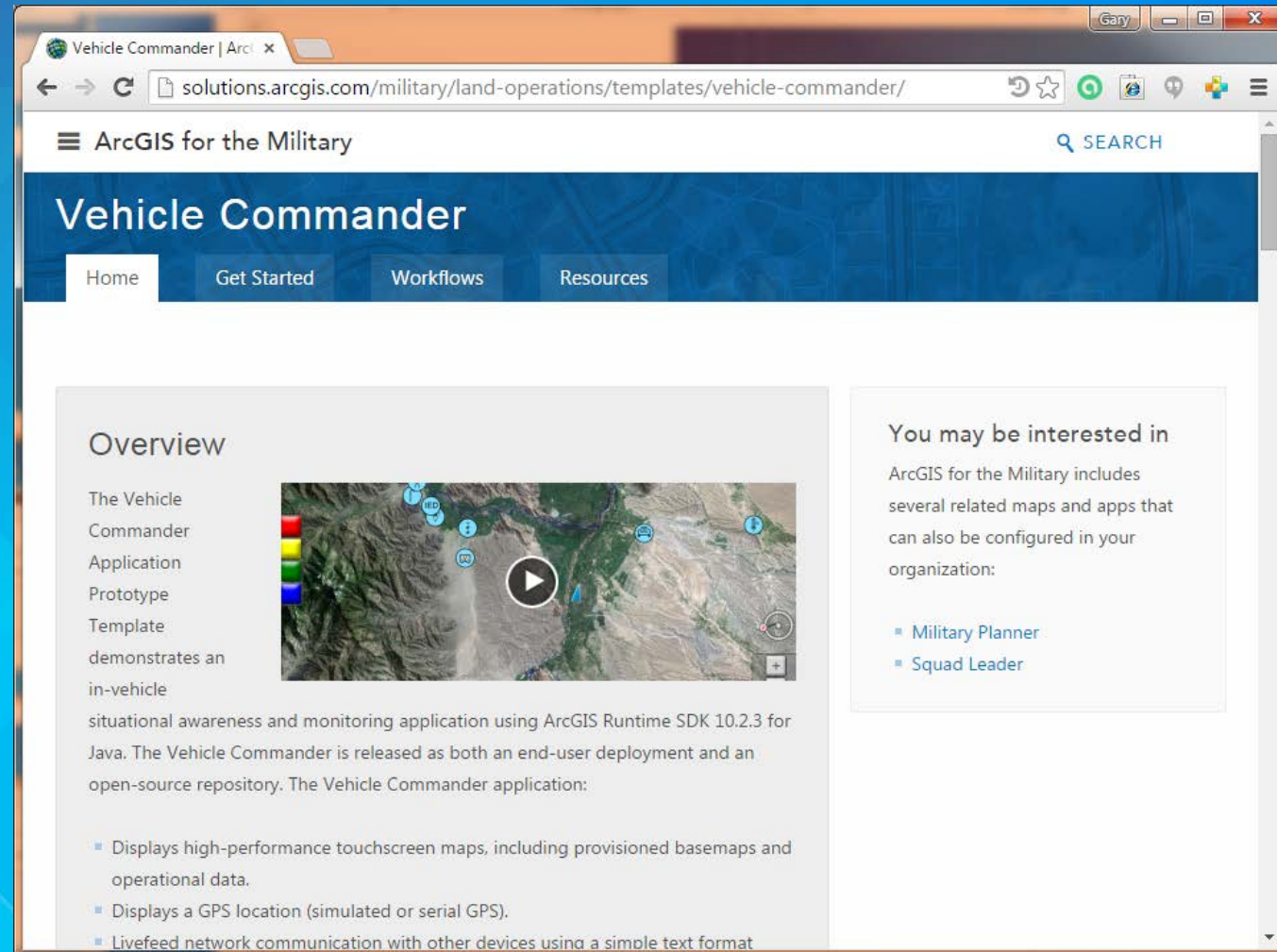


The screenshot shows a web browser window with the following elements:

- Browser Tab:** ArcGIS for the Military
- Address Bar:** solutions.arcgis.com/military/
- Page Header:** ArcGIS for the Military (left) and SEARCH (right)
- Main Content Area:**
 - Section Header:** ArcGIS for the Military
 - Description:** Use maps and apps to support military forces in land, maritime, and domestic operations. For use by analysts, planners, decision makers, and operational units.
 - Buttons:** WHAT'S NEW (orange), GITHUB, FOLLOW
 - Image:** A collage of three screenshots showing various GIS maps and data overlays.
- Footer Section:** Four columns with icons and text:
 - A - Z: All Templates:** Browse this list of all templates currently offered for military forces.
 - Get Started with ArcGIS:** Try these workflows to quickly get up and running with ArcGIS. Also relevant for experienced ArcGIS users.
 - Gallery:** Get maps, tools, application templates, application configurations, and widgets for military tasks and workflows.
 - Videos:** Watch videos and learn how to support deployed military forces in land, maritime, and domestic operations.

Vehicle Commander Repository in GitHub

<http://solutions.arcgis.com/military/land-operations/templates/vehicle-commander/>



The screenshot shows a web browser window displaying the ArcGIS for the Military website. The page title is "Vehicle Commander" and the URL is "solutions.arcgis.com/military/land-operations/templates/vehicle-commander/". The navigation menu includes "Home", "Get Started", "Workflows", and "Resources". The main content area features an "Overview" section with a video player showing a map of a mountainous region with various icons. To the right, there is a "You may be interested in" section with links to "Military Planner" and "Squad Leader".

Vehicle Commander

Home Get Started Workflows Resources

Overview

The Vehicle Commander Application Prototype Template demonstrates an in-vehicle situational awareness and monitoring application using ArcGIS Runtime SDK 10.2.3 for Java. The Vehicle Commander is released as both an end-user deployment and an open-source repository. The Vehicle Commander application:

- Displays high-performance touchscreen maps, including provisioned basemaps and operational data.
- Displays a GPS location (simulated or serial GPS).
- Livefeed network communication with other devices using a simple text format

You may be interested in

ArcGIS for the Military includes several related maps and apps that can also be configured in your organization:

- [Military Planner](#)
- [Squad Leader](#)



Demo: Vehicle Commander app

Vehicle Commander Repository in GitHub

<https://github.com/Esri/vehicle-commander-java>

Esri / **vehicle-commander-java** Unwatch 38 Unstar 12 For

The Vehicle Commander template demonstrates best practices for building in-vehicle military applications with ArcGIS Runtime. The Vehicle Commander template contains source code for an in-vehicle application. — Edit

212 commits 2 branches 4 releases 3 contributors

branch: master **vehicle-commander-java** / +

Merge pull request #76 from garys-esri/master

csmoore authored 13 minutes ago latest commit 8e591fd628


data	Changed to pretty XML	8 hours ago
documentation	Clarified Java requirements	2 months ago
source	Added new coa.xml over Monterey	23 hours ago
.gitignore	Fixes to Issues #5, #12, #13	2 years ago
.gitmodules	Added military-apps-library-java as a submodule; updated JAR references	a year ago
CONTRIBUTING.md	Issue #7, #13, #14	2 years ago
README.md	Removed irrelevant section	2 hours ago
ScreenShot.png	Fix Readme Screenshot	3 years ago

Code
Issues
Pull requests
Wiki
Pulse
Graphs
Settings

HTTPS clone URL
`https://github.com/`
You can clone with HTTP or Subversion.

Clone in Desktop

Source code and documentation for Java SE app



Demo: Coding with Vehicle Commander

What's New in Vehicle Commander 4.0.0


Highlights

- **ArcGIS Runtime 10.2.4**
- **Requires Java 8+**
- **User can change coordinate display (MGRS or longitude/latitude)**
- **GeoMessage management**
- **Four downloads (Windows 32, Windows 64, Linux 32, Linux 64)**

What's New in Vehicle Commander 4.1.0

Highlights

- **New geography: California instead of Afghanistan**
- **Otherwise, same capabilities as 4.0.0**
- **You can configure for any region**



Demo: What's New in 4.0.0 and 4.1.0

Resources

- **ArcGIS for the Military:** <http://solutions.arcgis.com/military/>
 - **Vehicle Commander template:** <http://solutions.arcgis.com/military/land-operations/templates/vehicle-commander/>
- **Vehicle Commander downloads:**
http://www.esri.com/apps/products/download/index.cfm#ArcGIS_for_the_Military
- **Vehicle Commander repository in GitHub:** <https://github.com/Esri/vehicle-commander-java>
 - **Log issues and enhancement requests here!**
 - **Contribute to Vehicle Commander here!**
- **ArcGIS Runtime SDK for Android:** <https://developers.arcgis.com/java/>



Understanding our world.