



Tech Talk: Open Source at GSA

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GSA Digital Service

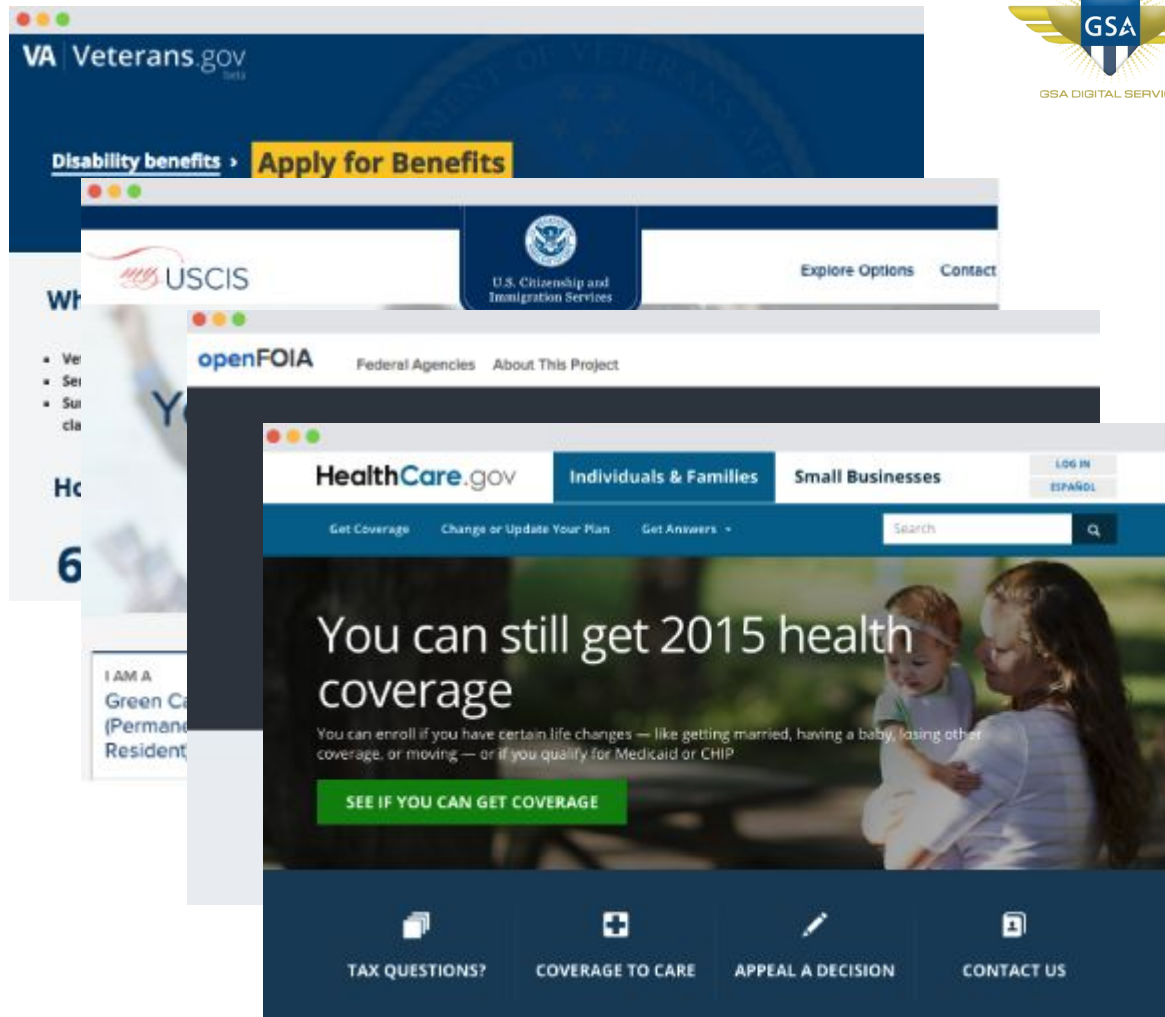
US Digital Service began with Healthcare.gov fix

OMB determined that agencies needed to bring in industry professionals to collaborate with government employees

FY16 Pass Back required all agencies to stand up a digital service team

“Digital services improve when agencies acquire and utilize digital service experts with modern digital product design, software engineering, and product management skills.”

GSA Digital Service team built into GSA IT & CTO Office in FY16



Mission



Facilitate modern application design, development, and management practices across GSA IT

- Application design - in accordance with the [Digital Services Playbook](#) and modern design principles, utilize user experience (UX) design for all development projects; promote UX design across GSA IT
- Application development - utilize modern application development tools and methodologies; integrate with devops; progress being open (in accordance with OMB policy) - open source, open data, open gov, etc.
- Management practices - incorporate Agile approach to design and development

Open Source Software (OSS)



Strategy alignment within GSA IT to “Being Open” and moving towards “100% Open Source”

- [OMB Policy - M-16-21](#)
 - Create or update internal OSS policy to match this policy
 - Consider three-step SW solutions analysis
 - Update contract language to account for future code capture and publication
 - Release 20% custom code through code inventory in standard format to [code.gov](#)
 - Custom created code developed by Feds & Contractors
- [GSA Policy](#)
 - <https://gsa.github.io/GSAOpenSourcePolicy/>
 - Support “being open” and “open first”
 - GSA JSON file of all code in inventory at [gsa.gov/code.json](#) also on [open.gsa.gov/code](#)
 - Publish OSS based [implementation](#) instructions

How we Build a Code Inventory

