

Website Deployment Checklist

Refer to this guide prior to deploying a website.

Development Tasks

Task	Tools	Priority
Create a code repository	GitHub	Required
Determine Browser support	Probably the same as Infusion	Required
Determine Site environment	e.g. static site, dynamic (Wordpress)	Required
Vagrant Box for testing	Would be helpful to have a vagrant box that has the same configuration as the production server, for testing on.	Nice to have
Establish any required redirects	Also look to see which "old" urls are still trying to be accessed (maybe look at server logs)	Required
Implement Responsive Version		Required
Minify JavaScript	Uglify. See if the static site generator can do this automatically.	Moderate
Minify / Optimize CSS	Styles from UIO could be an issue, but should see if the static site generator can do this automatically.	Moderate
Add sitemap.xml (for SEO)	<ul style="list-style-type: none">DocPad Plugin	Moderate
Add Analytics	Google Analytics	Moderate
Hook up to the CI server	Run tests on merge (need to determine the type of tests to create See: Prior to Deployment Tasks)	Nice to have

Prior to Deployment Tasks

Ensure tests are run under the same environments that the production is expected to be. (.e.g same versions and configuration of servers)

Task	Tools	Priority
Smoke Test		Required
Automated tests using web driver?	Including testing inputs to the site.	Nice to have
Validate Markup	W3C Markup Validation Service	Required
Check the custom 404 page loads		Required
Check for broken links	Screaming Frog	Required
Look for links that redirect	Screaming Frog	Nice to have
Make sure that any implemented redirects work		Required
Error Responses (that can be found by crawling the site)	Screaming Frog	Nice to have
Page Title Issues (duplicate, missing, long)	Screaming Frog	Required
Issues with H1s (duplicates, missing, long)	Screaming Frog	Required
Network Utilization	Chrome Accessibility Developer Tools extension	Nice to have
Web Page Performance	Chrome Accessibility Developer Tools extension	Nice to have
Check Responsive Layouts / Design	<ul style="list-style-type: none">• Device Toolbar (Chrome Developer Tools)• Responsive Design Mode (Firefox)• Different window sizes• Native devices (e.g. phone, tablet, desktop, etc.)	Required

Accessibility Test - Automated	<ul style="list-style-type: none"> • Chrome Accessibility Developer Tools extension • Axe-Core browser extension (Chrome, Firefox) 	Nice to have
Accessibility Test - Manual	could make use of some of the above automated tools	Required

Post Deployment Tasks

Task	Tools	Priority
Re-run "Prior to Deployment Tasks"	Some set or subset of the pre-deployment tasks	Required
Check crawl errors	Google Search Console Can use same tool as the pre-deployment tasks	Required
Ensure Sitemap present (for search engines)	Google Search Console	Moderate
Check security Issues	<ul style="list-style-type: none"> • Google Search Console • Check that the pages all have valid certificates. 	Required
Mobile Usability	<ul style="list-style-type: none"> • Google Search Console • Google Mobile Friendly • Google PageSpeed Insights 	Required
Page Speed	Google PageSpeed Insights	Nice to have
Ensure site monitoring tools are enabled	Alert for outages, response time, etc.	Nice to have