Manuals+ — User Manuals Simplified.

Forge
230724
Testing Guide
for Partners

Forge 230724 Testing Guide for Partners User Guide

Contents

Forge

Forge 230724 Testing Guide for Partners

```
event log_address              (address);
event log_bytes32              (bytes32);
event log_int                  (int);
event log_uint                 (uint);
event log_bytes                (bytes);
event log_string               (string);

event log_named_address        (string key, address val);
event log_named_bytes32        (string key, bytes32 val);
event log_named_decimal_int    (string key, int val, uint decimals);
event log_named_decimal_uint   (string key, uint val, uint decimals);
event log_named_int            (string key, int val);
event log_named_uint           (string key, uint val);
event log_named_bytes          (string key, bytes val);
event log_named_string         (string key, string val);
```

Product Information

Specifications

- Product Name: Forge CLI
- Version: Latest

Product Usage Instructions

Prerequisites

Before proceeding with testing, make sure you have the latest version of the Forge CLI. If not, follow these steps:

1. Uninstall the current Forge CLI version using: npm uninstall -g @forge/cli
2. Install the latest version using: npm i -g @forge/cli@latest

Run Tests

1. Create a custom development environment: forge environments create -e my-custom-env
2. Deploy your code to the custom environment: forge deploy -e my-custom-env
3. Install the code on a site in the environment: forge install -e my-custom-env

Deploy to Production

1. Determine the major version number to update
2. Deploy the update to production with the major version specified: forge deploy -e production –major-version X
3. Confirm the deployment by entering 'y'

Debugging Errors

If the deployment fails or you encounter errors:

- Rerun the deployment in verbose mode to see detailed errors
- If deploying a change that requires a new major version, ensure the major version value is valid
- To view valid major versions, run: forge install list

FAQs

- **Q: How can I check the latest version available?**
  - A: To check the latest version available, run: npm show @forge/cli version
- **Q: Can I deploy changes without specifying a major version?**
  - A: Yes, you can deploy changes without specifying a major version for minor updates in a custom environment.

Prerequisites

Upgrade to the latest version of the Forge CLI. To do this, , completely remove the Forge CLI and install it again.

1. npm uninstall -g @forge/cli
2. npm i -g @forge/cli@latest

This test also assumes that you've prepared the exact version of the code matching the major version you're targeting.

Run tests

1. We recommend that you test your minor version updates in a custom development environment. To do this, run:
   1. forge environments create -e my-custom-env
2. Deploy your target major version's code to your custom development environment:
   1. forge deploy -e my-custom-env
3. Upon deploying your code to the environment, install it on one of your sites:
   1. forge install -e my-custom-env

You can now test new app changes and re-deploy them to the same custom development environment. Each new deployment will create a new version of your app specific to that environment; as such, we don't recommend that you use the –major-version option in your custom environment.

Be mindful of any changes that result in a major version change. Remember, you can only apply minor version upgrades to previous major versions. See Major upgrades for related information

Deploy to production

You can use the –major-version option to apply minor upgrades to any major version (even older ones). When you do, Forge will automatically apply the upgrade to all sites running that major version.

1. Verify the major version number you need to update by listing all existing
2. Upon verifying that your update works, deploy it to your target major version:
    1. forge deploy -e production –major-version X
3. You'll see a warning pop-up like this:

Once you're ready, enter y . Forge will then deploy the code change to all sites with the specified major version installed.

Debugging Errors

Deployment failed

You will need to rerun to see your deployment in –verbose mode to see the exact error. If you are trying to deploy a change that would result in a new major version, the deployment will return an error similar to the following:
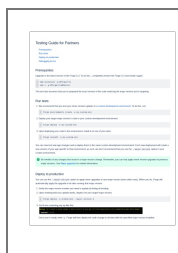
1. Upsert Environment Request body is invalid.
2. Error message: Cannot patch app as this change requires a
3. major version update.

- Input major version is invalid or Invalid major version number The –major-version value you used is invalid. It should be greater than 1 and less than the latest version that exists for this app environment.
  To view all valid major versions, run:
    1. forge install list

This will display the major version installed on every site in production. It'll also show which major version number is the latest:

Documents / Resources

Forge 230724 Testing Guide for Partners [pdf] User Guide
230724, 051523, 230724 Testing Guide for Partners, 230724, Testing Guide for Partners, Guide for Partners, Partners

References

- **Contributors**
- **Environments**
- **User Manual**