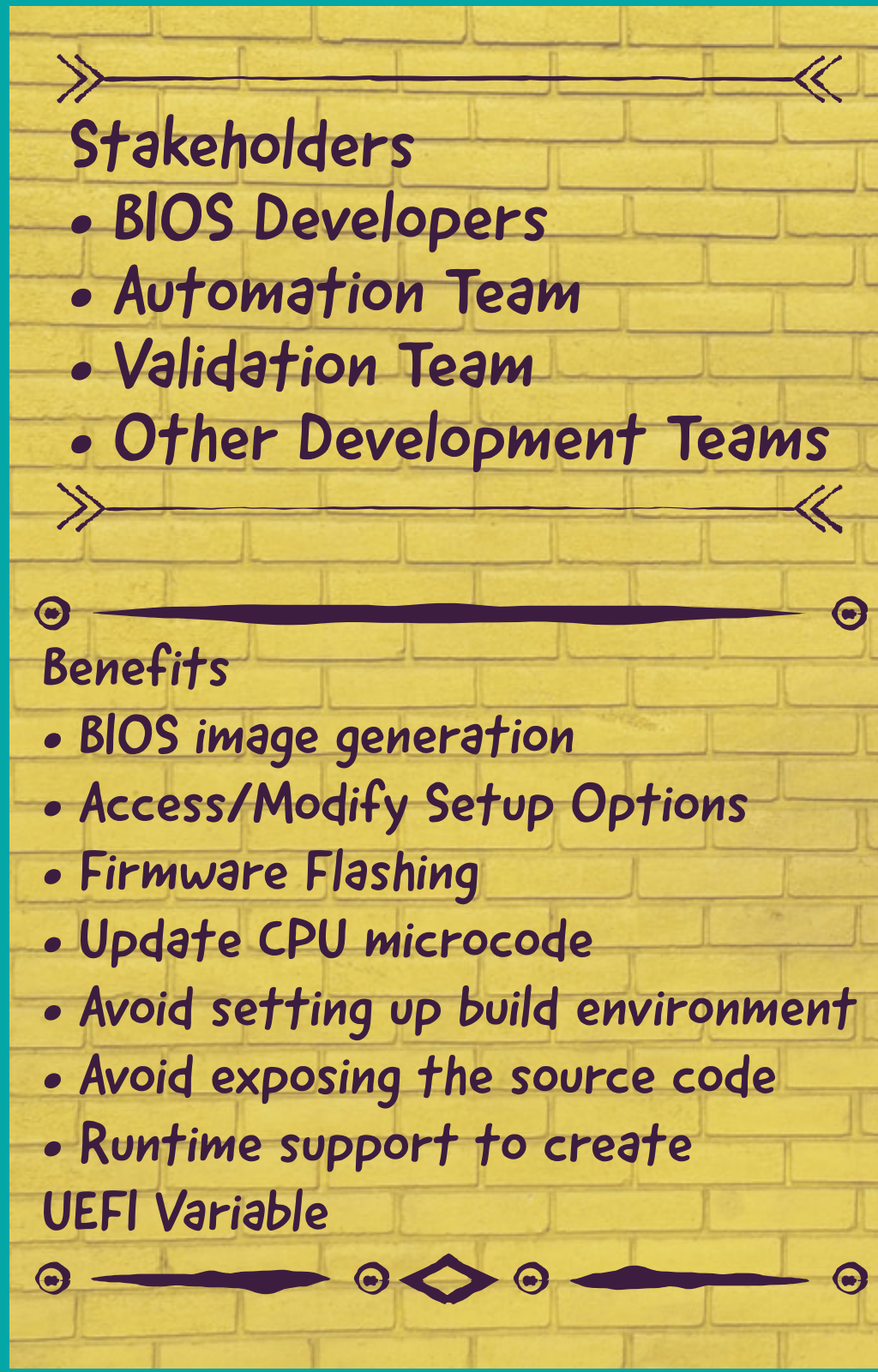# IP Independent Generic Framework to accelerate Development Process Iteration

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Parsing of BIOS image

- Human Readable interpretation
- GUID Lookup
- Verification of the existence of a module by GUID
- Storing the image file system content by GUID
- Summarizing BIOS Changes
- Works on SUT

Setup Knobs Modification

- Information parsing
- Information Simulation
- Realtime sync
- Toggle DEPEX
- Works on SUT
- Patch offline Image

Stakeholders

- BIOS Developers
- Automation Team
- Validation Team
- Other Development Teams

Benefits

- BIOS image generation
- Access/Modify Setup Options
- Firmware Flashing
- Update CPU microcode
- Avoid setting up build environment
- Avoid exposing the source code
- Runtime support to create UEFI Variable

Runtime UEFI Variable Creation

- Avoid providing native BIOS Support
- No initial setup overhead
- Interactive Web GUI
- Quick Modification of Variable