JEP-224 System read

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JEP-224 System read

- JEP: https://jenkins.io/jep/224
- Adds a new permission 'System read'
  - Gives access to read almost all system configuration

Why

- Features for fully managed as code Jenkins instances:
    - No changes are possible in the UI
    - View plugin updates
    - View system logs
    - View most of the rest of the configuration
- Allow others to contribute and help maintain Jenkins without giving access to change

What's included

- Initial implementation released in 2.222
  - Special thanks to @daniel-beck and @Wadeck for their code contributions to help get it merged
  - Only the 'Configure System' and 'System Configuration' pages are available
- Between 2.222 and 2.238 the following were added
  - System Info
  - Global Tool Configuration
  - Global Security Configuration
  - About Jenkins
  - System Log
  - Plugin Manager
  - Admin monitors
  - Cloud configuration
- Configuration as Code plugin support added

Current status

- Released as 'beta', disabled by default
  - installing the extended read permission plugin will activate it(v3.2+)

Demo

What's Next ?

- Implement feature requests in JENKINS-12548 epic
- Add support to more plugins
- Improve the UI / UX
- Merge / release existing pull requests
- Create more feature requests / bugs in the JENKINS-12548 epic

How to contribute

- Test it out and create issues
- Implement feature requests, [JENKINS-12548] Read-only system configuration browsing
    - See how to guide for : Read only view

References

- Blog post to be announced https://www.jenkins.io/
- Epic in issue tracker: [JENKINS-12548] Read-only system configuration browsing
- How to guide for: Read only view
- JEP: https://jenkins.io/jep/224

Thanks