

NeXt Proposal

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Name

NeXt UI Toolkit

Repo Name

next

Description

NeXt provides a network centric topology UI component featuring high performance and rich functionality. NeXt can display large complex network topologies, aggregated network nodes, traffic/path/tunnel/group visualizations and it includes different layout algorithms, map overlays, and preset user friendly interactions. NeXt can work together with DLUX to build ODL apps. We already use NeXt to develop an App container and 5 Apps (ACL viewer, OpenFlow topology viewer, BGP viewer, Policy Group Networking visualizer, Route Convergence Visualizer). Check out our demo video (<https://youtu.be/2TB2ylwgjwo?t=4s> and <https://www.youtube.com/watch?v=gBsUDu8au>) and you can get more information form here <https://developer.cisco.com/site/next/>

[File:ODL new project proposal 20150813.ppt.pdf](#)

Scope

Provide NeXt UI toolkit and topology component for web APP development. Provide Web APP container and 5 APPs (ACL viewer, OpenFlow topology viewer, BGP viewer, Policy Group Networking visualizer, Route Convergence Visualizer)

Resources Committed (developers committed to working)

2 full time front-end developer 1 part time QA

Initial Committers

aaikepae(aaikepae@cisco.com)
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Vendor Neutral

The project is transform from CISCO DevNet. All vendor code, logos nor anything will be removed.

Meets Board Policy (including IPR)

Inbound Code Review is complete with no issues. (July 30, 2015)