

# Embracing Eclipse Orion

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# **implementing developer tooling for a long time now**

(AJDT, Groovy-Eclipse, Grails IDE, Spring IDE, Cloud Foundry Integration for Eclipse, tc Server Integration for Eclipse, Gradle Integration for Eclipse, add-ons for m2e, Equinox Weaving)

**But how will developer tooling  
look like in the future?**

Or

„why is Google able to search the whole web in  
10ms and my Eclipse needs 100x longer to open a  
type hierarchy“

# **what happens if you do things differently?**

lightweight instead of heavyweight

reusing existing tools

connecting instead of integrating

browser based

cloud hosted

...

# **Eclipse Orion**

„a browser-based open tool  
integration platform“

similar direction

awesome platform

very modular and re-useable

Introducing

# Scripted

a lightweight JavaScript editor  
that runs in your browser

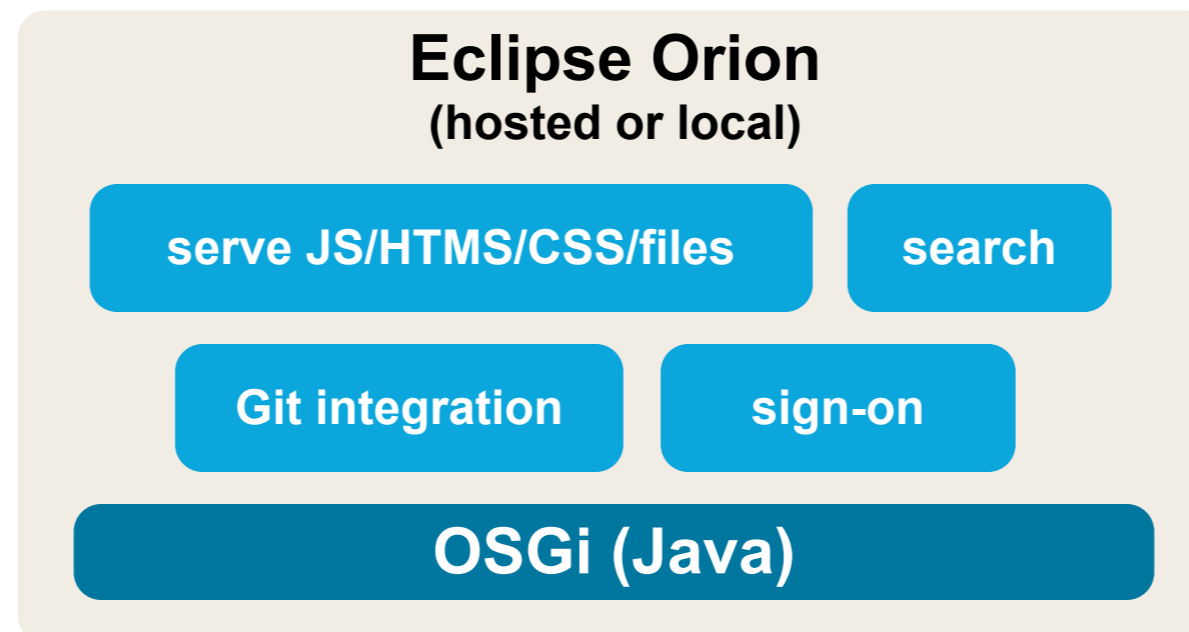
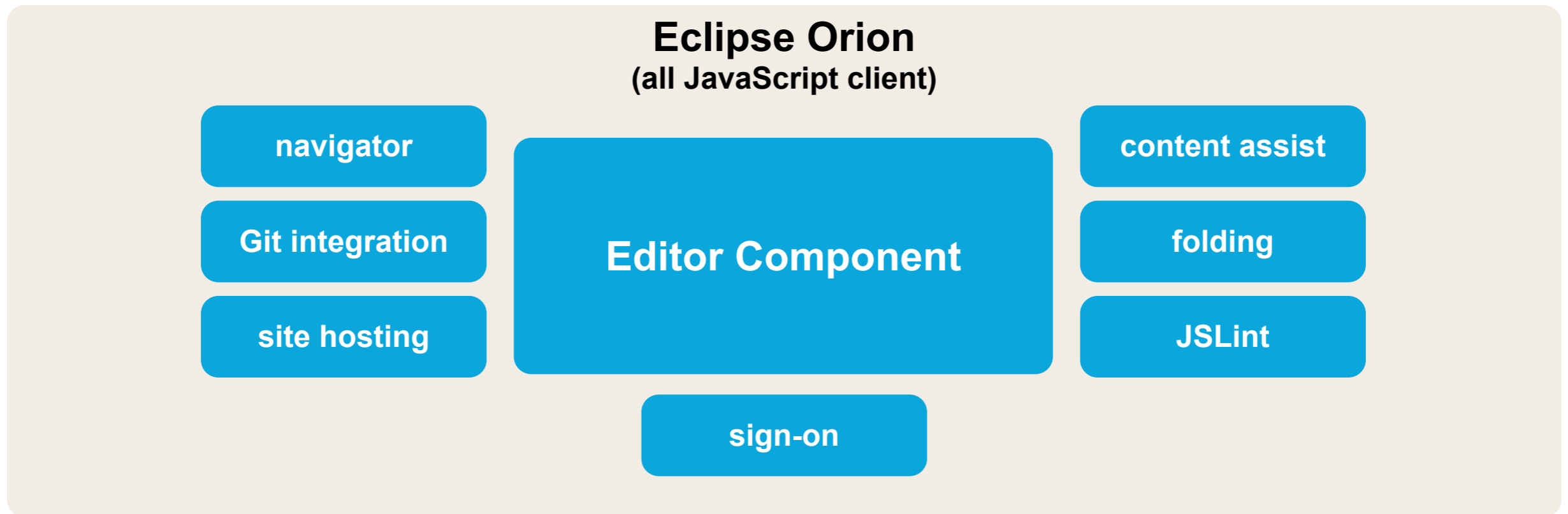
# Choices and decisions

focus on editor  
lightweight, fast  
keystroke driven

running locally

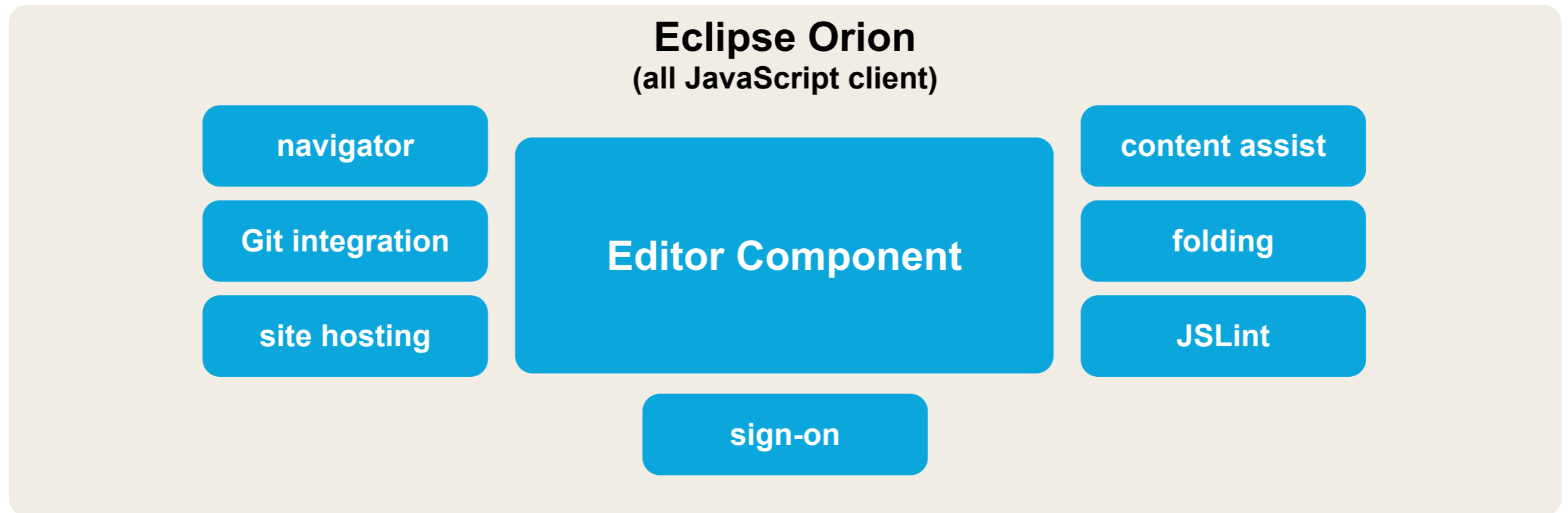
advanced code comprehension  
using inferencing engine  
module-aware content-assist

# Choices and decisions

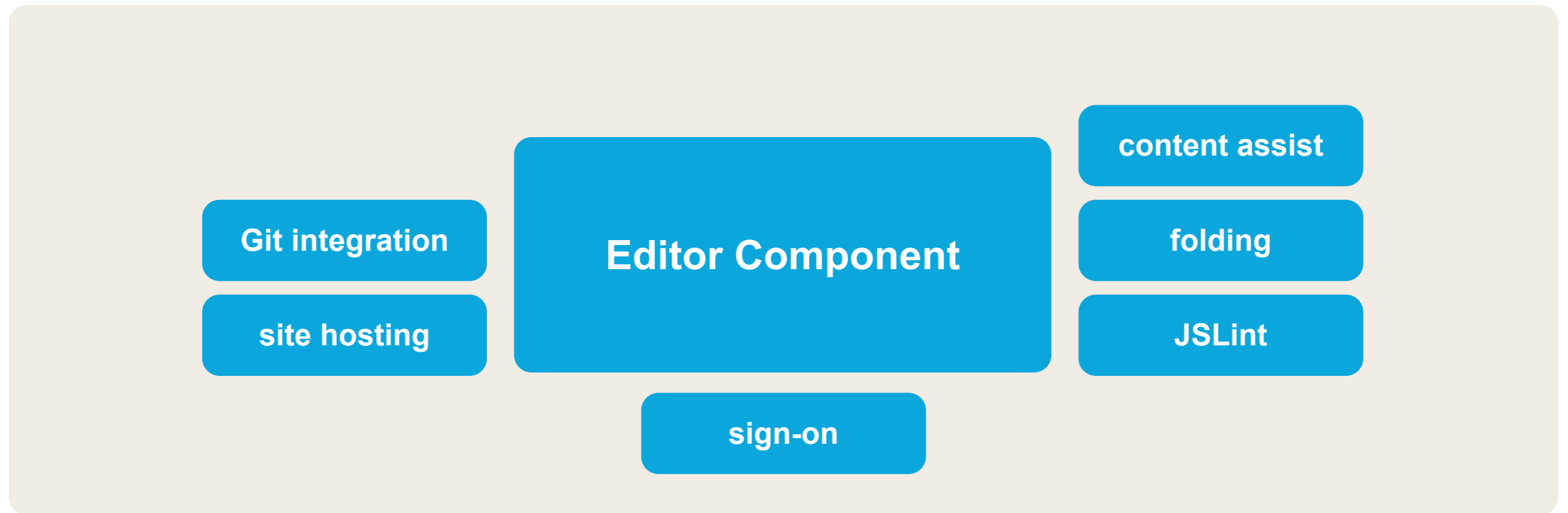




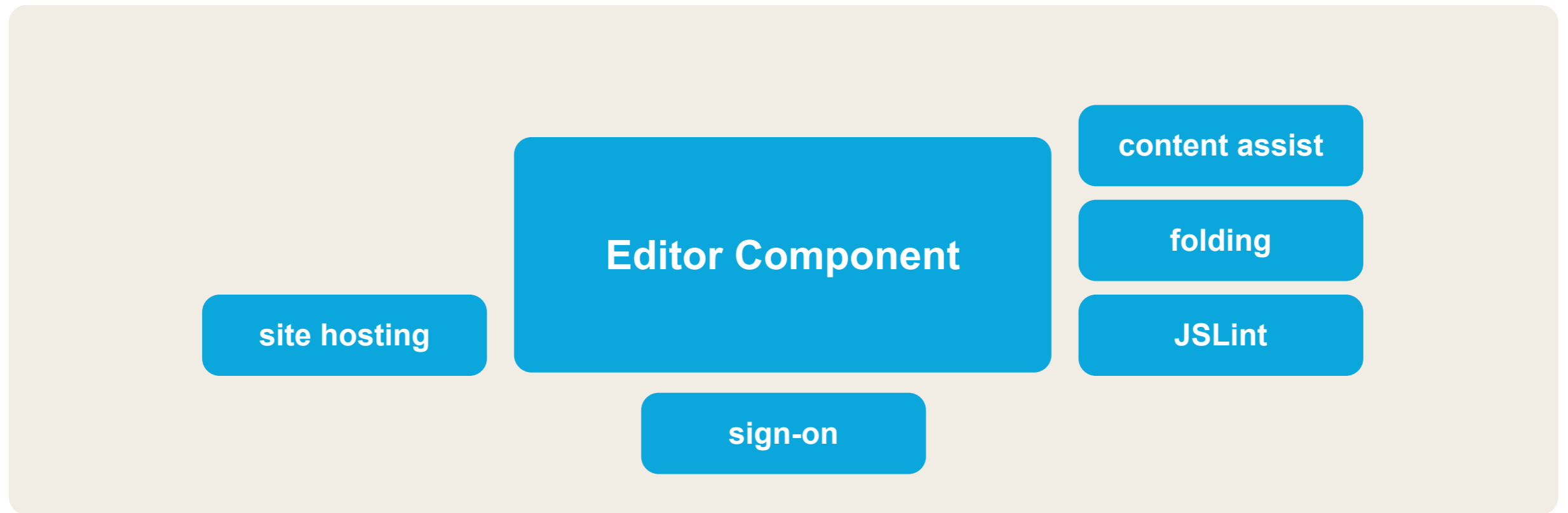
# Choices and decisions



# Choices and decisions



# Choices and decisions



# Choices and decisions

Editor Component

content assist

folding

JSLint

sign-on

# Choices and decisions

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**Scripted Client**  
(all JavaScript client)

**Editor Component**

content assist

cross file  
analysis

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AMD support



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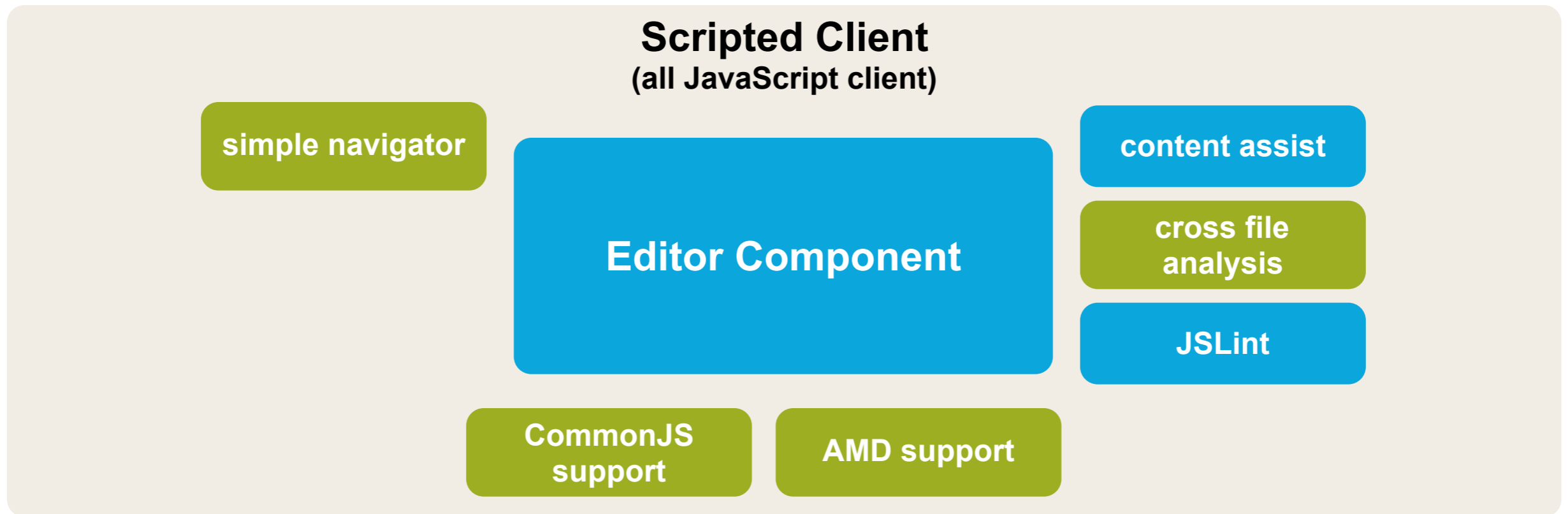
cross file  
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JSLint

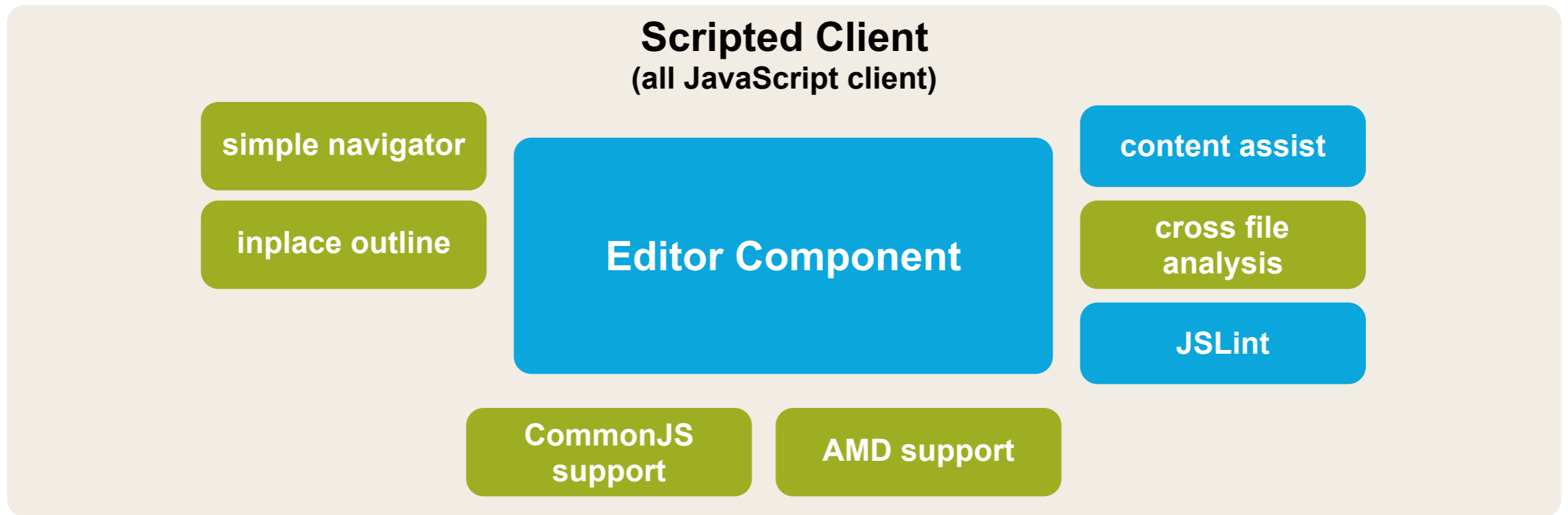
CommonJS  
support

AMD support

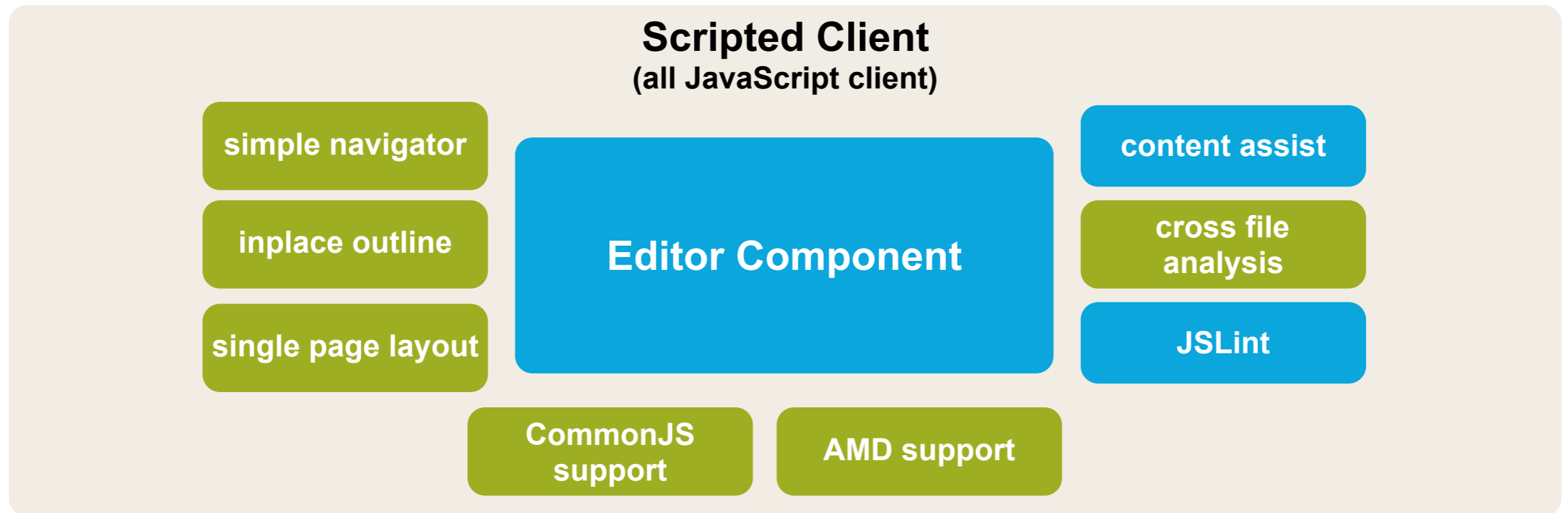
# Choices and decisions



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## Eclipse Orion (hosted or local)

serve JS/HTMS/CSS/files

Search

Git Integration

Sign-On

OSGi (Java)

# Choices and decisions

**Scripted Server**  
(local, all JavaScript)

serve JS/HTMS/CSS/files

search

# Choices and decisions

## Scripted Server (local, all JavaScript)

serve JS/HTMS/CSS/files

search

node.js

# Choices and decisions

## Scripted Server (local, all JavaScript)

serve JS/HTMS/CSS/files

search

cross file analysis

node.js



# Scripted overview

## Scripted Client (all JavaScript client)

simple navigator

inplace outline

single page layout

Editor Component

content assist

cross file  
analysis

JSLint

CommonJS  
support

AMD support

## Scripted Server (local, all JavaScript)

serve JS/HTMS/CSS/files

search

cross file analysis

node.js

**Demo time...**

# **Summary**

Eclipse Orion is an awesome platform for building browser-based tooling

# **What is next?**

continuously contribute back to Orion

add more innovative features

continue to think beyond the borders

# Resources

Scripted project

<https://github.com/scripted-editor/scripted>

Forum

<https://groups.google.com/forum/#!forum/scripted-dev>

Issue Tracker

<https://issuetracker.springsource.com/browse/scripted>

Sample project used here

<https://github.com/aeisenberg/scripted-demo-s2gx2012>

# Q&A

**and thank you for your attention**

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