

Tips & Tricks

This page contains useful tips to create themes that will be compatible with future versions of JIRA and Confluence:

- [Learn from existing Extensions](#)
 - [Increase the probability of compatibility for your extension](#)
 - [Troubleshooting](#)
 - [Scope your Template HTML](#)
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Learn from existing Extensions

Look into the [Sample Extensions](#) to see how other extensions work. And read the [detailed blogpost](#) about how the "Language Switcher Extension" has been built.

Increase the probability of compatibility for your extension

- Styles
 - Use the very common html containers of the application:
 - #header
 - #footer
 - #main
 - Do not style into the very little end of the applications html
 - Do not rely on a specific container hierarchy:
 - #div1 > h1 > ul > li > a
 - Each style needs to have a specific context id to start
 - #header .examplediv
 - #main #examplediv
- Javascript
 - Use only one "AJS.tolnit" function as a kind of "main" function
 - call up all your container move functions from this function
- Template
 - Create a specific container div id to include your backend code:
 - `<div id="my-special-unique-container" ></div>`

Troubleshooting

- If your Template content is not available in the html
 - search the html for "Error during template resource parsing!"
 - If this string is present please check the logs for further information

Scope your Template HTML

If your Extension HTML should only be available in certain pages

- You can scope the Template code to a specific action or URL

```
#Confluence
## example HTML only for Dashboard
#if($req.getRequestURL().toString().endsWith("dashboard.action"))
    your scoped HTML
#end

#JIRA
## example HTML only for Dashboard
#if($request.getRequestURL().toString().endsWith("Dashboard.jspa"))
    Your HTML code
#end
```

- You can Scope your Application to a specific Context

```
#Confluence
## example HTML only for space with key "ds"
#if($space.key.equals("ds"))
    your scoped HTML
#end

#JIRA
## example HTML only for project with key "DEMO"
#if($project.key.equals("DEMO"))
    Your HTML code
#end
```