LEG-Kernel to RP
The Workflow
LEG-Kernel

- No Platform Support
- Informal Release Process
- Designed to feed CI for acpi branch integration
- Basic Testing
Reference Platform

- Formal Process
- Designed to be a Reference
- Formal Testing Strategy Defined
- Formal Topic Branch Strategy
Reference Platform Kernel Rules

1. Patches will not break the single multi-platform kernel that is shipped as part of the RP.

2. In general, kernel patches will be accepted in the RP kernel (for staging) only if they’re undergoing review on LKML or other relevant upstream mailing lists first.
Reference Platform Kernel Rules

3. Patches will be dropped from the RP kernel tree in the following cases:
   - Patch has been rejected upstream and maintainer has outlined a different approach to take
   - Patch is showing no sign of progress upstream - either through ongoing discussion or posting of follow-up versions based on earlier reviews
   - Patch doesn’t apply to a newer kernel
Reference Platform Kernel Rules

4. Changes to common core code will require signoff from the relevant kernel maintainer at Linaro

5. Members will designate an engineer who is responsible for each patch series and will address the questions/comments from the tree maintainers
Reference Platform Kernel Rules

6. Patches can only be accepted for HW platforms that are shared with Linaro

7. Each out-of-tree patch will be tagged with one of the following keywords to allow easy accounting and tracking their progress upstream
Reference Platform Kernel Rules

8. Statistics will be published regularly on how much functionality is still out-of-tree for each platform and high-level highlights of status of upstreaming for each feature being carried out-of-tree.
## Reference Platform Kernel Rules

<table>
<thead>
<tr>
<th>keyword</th>
<th>meaning</th>
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</thead>
<tbody>
<tr>
<td>fromlist</td>
<td>Patch is picked up from a public mailing list where it is being reviewed</td>
</tr>
<tr>
<td>fromtree</td>
<td>Patch is picked up from a subsystem maintainer tree where it is already queued for merging</td>
</tr>
<tr>
<td>temphack</td>
<td>Patch is needed temporarily until some underlying code is fixed or refactored correctly upstream</td>
</tr>
<tr>
<td>noup</td>
<td>Patch is only needed for enabling pre-production HW or is only needed for local testing and won’t be pushed upstream. It will be fixed correctly upstream</td>
</tr>
<tr>
<td>toppost</td>
<td>Patch isn’t posted to the list yet but posting is imminent. These patches will only be allowed very rarely, solely at the discretion of the RP kernel maintainer</td>
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