Integrators' reading path

The whole integrators' section in one reading order, in six stages from orientation to running projects, with a short version for each role and an estimate of the reading time per stage.

Source file: `doc/eng-us/help/integrators/integrators-reading-path.md` Last changed 2026-11-04
https://doc.exponential.earth/learninminutes/exphelp/viewer/help/integrators/integrators-reading-path.md

This page puts every page of the integrators' section in one order. Read it front to back in your first weeks, or take the short path for your role. Times are rough reading times, not including trying things out.

Contents

1. Stage 1: orientation
2. Stage 2: the surfaces
3. Stage 3: hooks and systems around the site
4. Stage 4: patterns and building
5. Stage 5: quality and operations
6. Stage 6: projects and business
7. Short paths by role

Stage 1: orientation

About one hour.

1. Integrators: start here
2. What integrators do with Exponential
3. Integration surfaces at a glance
4. Choosing an integration surface
5. Choosing credentials for an integration

Stage 2: the surfaces

About three hours.

6. The REST API for integrators
7. OAuth applications for integrations
8. Personal API keys for integrations
9. Remote services with expservices
10. ezjscore server functions for integrations
11. RSS, Atom and OPML feeds
12. Syndication between installations

13. WebDAV and SOAP
14. Packages for import and export
15. Bulk data exchange with xrowextract
16. CLI scripts and ezexec
17. Cronjobs for integrations

Stage 3: hooks and systems around the site

About three hours.

18. Workflows and triggers as integration hooks
19. Event listeners for integrations
20. Outgoing webhooks from the audit trail
21. Mail and notifications integration
22. Forms and collected information
23. Login handlers - LDAP, textfile and your own
24. Single sign-on and social login
25. Search engine integration
26. Payment gateways and the shop
27. AI providers, the job queue and MCP

Stage 4: patterns and building

About three hours, more with the code.

28. Integration patterns: push and pull, batch and real time
29. Idempotent imports keyed by remote_id
30. Mapping content classes to external data
31. Writing an import script
32. Writing an export or an outbound sync
33. Migrating content from another CMS
34. Building an integration as an extension

Stage 5: quality and operations

About two and a half hours.

35. Error handling and logging
36. Security for integrations
37. Service accounts, roles and policies
38. Caching after imports
39. Velocity and performance for integrations

40. Testing integrations
41. Monitoring integrations
42. Upgrades without breaking integrations

Stage 6: projects and business

About two hours.

43. Integration project playbook
44. Estimating integration work
45. Statements of work for integrations
46. Handover of an integration
47. Contributing integrations back
48. Integrators and the partner program
49. Worksheets: Discovery worksheet, Interface specification template, Security checklist, Go-live checklist
50. Reference: FAQ, Glossary

Short paths by role

Role	Pages (numbers above)
Solution architect	1-5, 28-30, 18, 20, 36
Integration developer	1, 3, 16-18, 29-32, 34, 35, 40
Developer of an external app	1, 5-9, 37
Identity engineer	1, 23, 24, 36, 37
Operations engineer	1, 17, 35, 38, 39, 41, 42, 46
Project lead or account manager	1, 2, 43-46, 48, 49

Next, for developers: Extension development: the book and Develop with Git.

Related pages

- Integrators: start here
- Partner reading path
- Reading paths of the extension book
- Free documentation: this page is free to copy, translate and improve under the GNU FDL 1.3.

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