End-to-End Tests for core Grafana

This document is specific to the Grafana repository. Be sure that you've read the generalized E2E document.

Commands

- `yarn e2e` Creates an isolated `grafana-server` home under *<repo-root>/e2e/tmp* with provisioned data sources and dashboards. This copies locally build binary and frontend assets from your repo root so you need to have a built backend and frontend for this to run locally. The server starts on port 3001 so it does not conflict with your normal dev server.
- `yarn e2e:debug` Same as above but runs the tests in chrome and does not shutdown after completion.
- `yarn e2e:dev` Same as above but does not run any tests on startup. It lets you pick a test first.

If you already have a Grafana instance running, you can provide a specific URL by setting the `BASE_URL` environment variable:

`BASE_URL=http://172.0.10.2:3333 yarn e2e`

The above commands use some utils scripts under *<repo-root>/e2e* that can also be used for more control.

- `./scripts/grafana-server/start-server` This creates a fresh new grafana server working dir, setup's config and starts the server. It will also kill any previously started server that is still running using pid file at *<repo-root>/scripts/grafana-server/tmp/pid*.
- `./scripts/grafana-server/wait-for-grafana` waits for `$HOST` and `$PORT` to be available. Per default localhost and 3001.
- `./e2e/run-suite <debug|dev|noarg>` Starts cypress in different modes.

Test suites

All the integration tests are located at *<repo-root>/e2e/suite<x>/specs*. The page objects and reusable flows are in the *<repo-root>/packages/grafana-e2e* package.