

## DreamApps Form Action Process Flow

Here is, the flow of processing of commands, in chronological order, when a user submits a form from a DreamApps page.

1. **preconfig** in **valid** object.
2. ~~event before~~ in all non-command fields in ~~form~~ object
3. check for **mandatory** fields as defined in **valid**, **field-tables** and **form** objects
4. if *no-error*, **check** in **valid** object
5. if *no-error*, **before** for matched commands in **valid** object
6. if *no-error*, ~~event before~~ for matched command in ~~form~~ object
7. if *no-error*, execute appropriate standard command action (Find, Clear, Show, Top, Previous, Next, Bottom, Add, Update, Delete)
8. if *no-error*, ~~event after~~ for matched command in ~~form~~ object
9. if *no-error*, **after** for matched commands in **valid** object
10. ~~event after~~ in all non-command fields in ~~form~~ object
11. If *no-error*, execute **return** specs in **valid** object
12. if value of **page** has not changed, **config** in **valid** object
13. if value of **page** has not changed *prior to config*, **display** in **valid** object

### Notes

~~Striked-out processes are deprecated and supported only for backward compatibility. For new resources, do not use events in fields embedded in forms. Those were useful when valid objects were not available. Use before and after processes instead of command field events and preconfig and config instead of non-command field events. This will remove all confusions about order of execution of commands spread around different fields.~~

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