

Understanding and Using Feature Filters



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Overview



An overview of Feature Filters

Using the Percentage Feature Filter

Using the Time Window Feature Filter

Advanced feature rollout with the Targeting Feature Filter

- User(s)
- Group(s)
- Percentage of all users

Feature Filter considerations

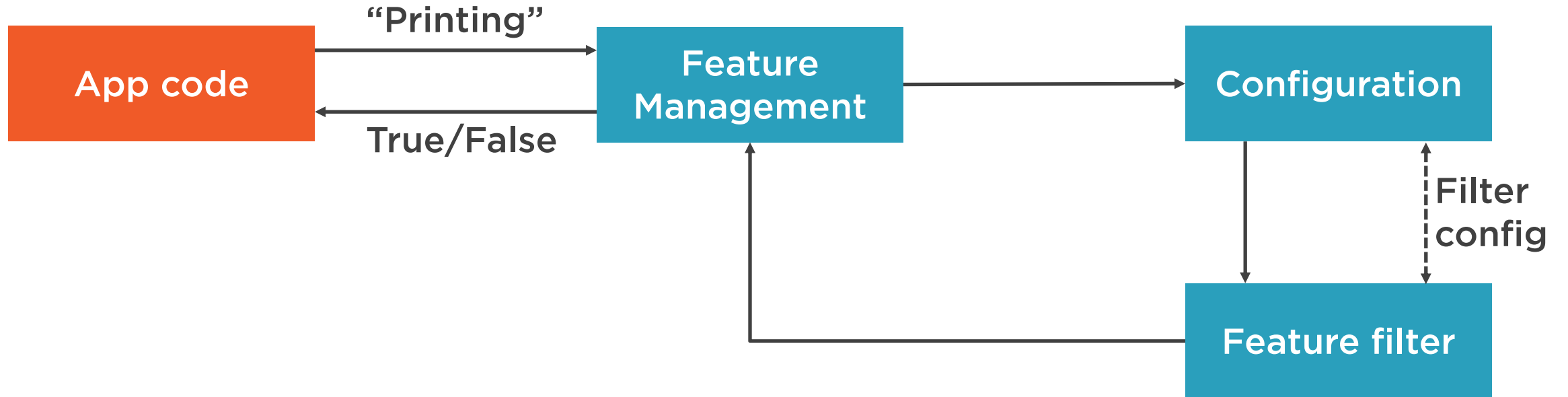


Feature Filter

A mechanism for determining if a feature should be enabled, based on something more than a simple true/false configuration value.



An Overview of Feature Filters



Feature Filters must be registered.
Feature Filters may require additional configuration.
Some Feature Filters are pre-supplied.
Custom Feature Filters.



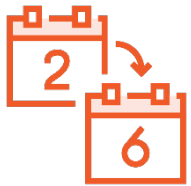
Conditional features.



Pre-supplied Feature Filters



Percentage Feature Filter



Time Window Feature Filter

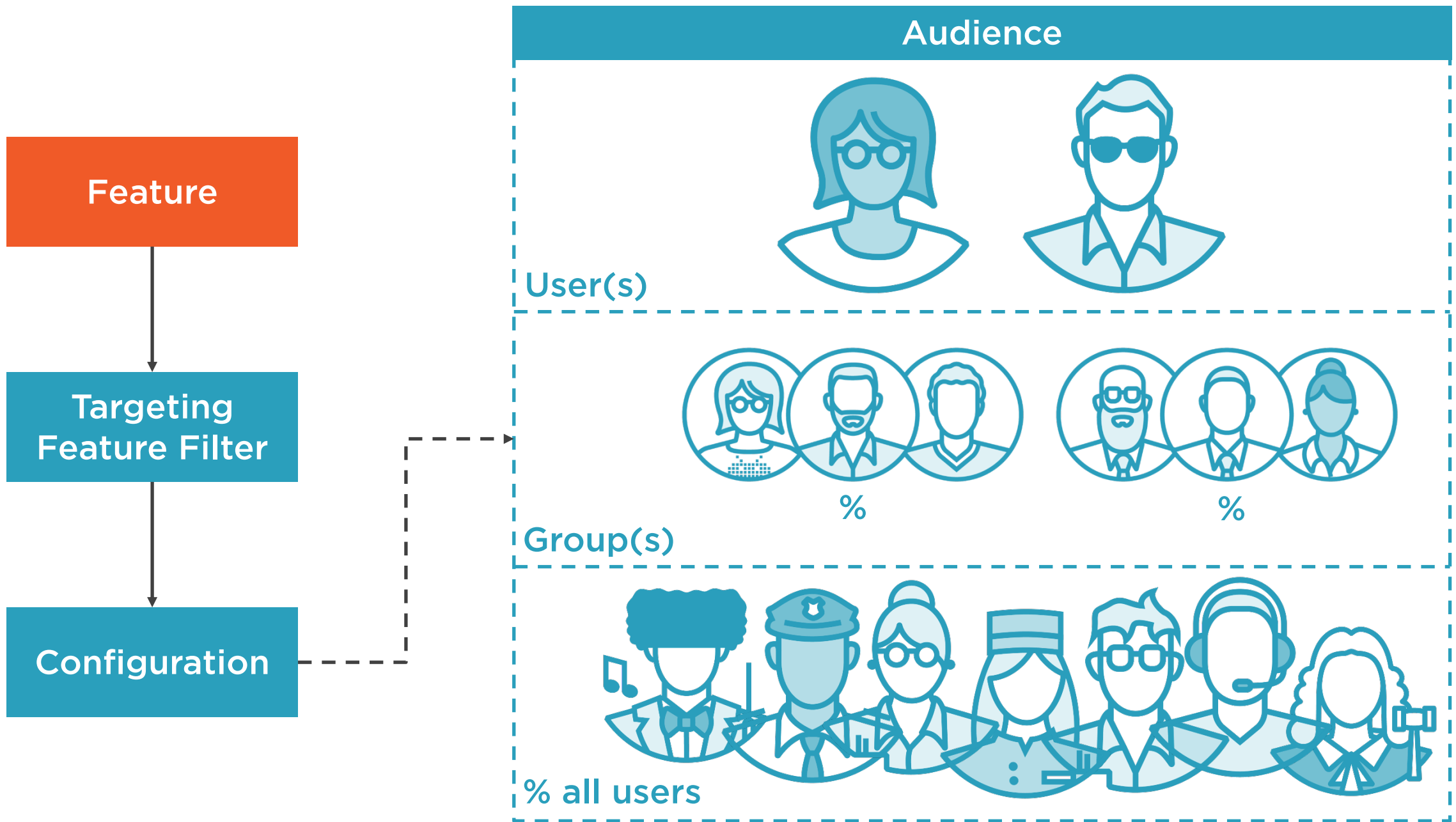


Targeting Feature Filter



Feature Rollout with Microsoft Feature Management Targeting





The Targeting Feature Filter
allows you to gradually
rollout a feature to reduce
deployment risk and get
feedback before giving
everyone access to it.



Feature Filter Considerations

Targeting in console apps

- No ambient context
- Needs to be manually specified
- <https://github.com/microsoft/FeatureManagement-Dotnet>
- <http://bit.ly/pscontext>

A/B testing

- Old and new versions of a feature
- E.g. Percentage / Targeting filters
- Capture usage / “satisfaction” metrics
- Rollout to everyone?



Summary



An overview of Feature Filters

AddFeatureFilter<PercentageFilter>();

Time Window Feature Filter

- "Start": "2020-01-01T00:00:01+00:00"
- "End": "2020-12-31T23:59:59+00:00"

Targeting Feature Filter

- User(s)
- Group(s)
- Percentage of all users (including non-logged in users)
- ITargetingContextAccessor

Feature Filter considerations



Up Next:
Creating Custom Feature Filters

