git_comments:

1. Make sure its outputs are not a subset of its inputs.
2. Minimize the number of distinct sets.
3. This module is experimental. No backwards-compatibility guarantees.
4. Licensed to the Apache Software Foundation (ASF) under one or more contributor license agreements. See the NOTICE file distributed with this work for additional information regarding copyright ownership. The ASF licenses this file to You under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at http://www.apache.org/licenses/LICENSE-2.0 Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

git_commits:

1. **summary:** Merge pull request #7227 from [BEAM-6186] Optimization cleanup
   message: Merge pull request #7227 from [BEAM-6186] Optimization cleanup [BEAM-6186] Optimization cleanup: move phase utilities out of local scope.
   label: code-design

github_issues:

github_issues_comments:

github_pulls:

1. **title:** [BEAM-6186] Optimization cleanup: move phase utilities out of local scope.
   body: This is based on top of https://github.com/apache/beam/pull/7217 ------------------------ Follow this checklist to help us incorporate your contribution quickly and easily: - [ ] Format the pull request title like `[BEAM-XXX] Fixes bug in ApproximateQuantiles`, where you replace `BEAM-XXX` with the appropriate JIRA issue, if applicable. This will automatically link the pull request to the issue. - [ ] If this contribution is large, please file an Apache [Individual Contributor License Agreement](https://www.apache.org/licenses/icla.pdf). It will help us expedite review of your Pull Request if you tag someone (e.g. `@username`) to look at it. Post-Commit Tests Status (on master branch) -- Lang | SDK | Apex | Dataflow | Flink | Gearpump | Samza | Spark --- | --- | --- | --- | --- | --- | --- | --- Go | [![Build Status]
   (https://builds.apache.org/job/beam_PostCommit_Go_GradleBuild/lastCompletedBuild/badge/icon)]
   (https://builds.apache.org/job/beam_PostCommit_Go_GradleBuild/lastCompletedBuild/) | --- | --- | --- | --- | --- | --- Java | [!
   [Build Status](https://builds.apache.org/job/beam_PostCommit_Java_GradleBuild/lastCompletedBuild/badge/icon)]
   (https://builds.apache.org/job/beam_PostCommit_Java_GradleBuild/lastCompletedBuild/) | [![Build Status]
   (https://builds.apache.org/job/beam_PostCommit_Java_ValidatesRunner_Apex_Gradle/lastCompletedBuild/badge/icon)]
   (https://builds.apache.org/job/beam_PostCommit_Java_ValidatesRunner_Apex_Gradle/lastCompletedBuild/) | [![Build
   Status]
   (https://builds.apache.org/job/beam_PostCommit_Java_ValidatesRunner_Dataflow_Gradle/lastCompletedBuild/badge/icon)]
   (https://builds.apache.org/job/beam_PostCommit_Java_ValidatesRunner_Dataflow_Gradle/lastCompletedBuild/) | [![Build
   Status]
   (https://builds.apache.org/job/beam_PostCommit_Java_ValidatesRunner_Flink_Gradle/lastCompletedBuild/badge/icon)]
   (https://builds.apache.org/job/beam_PostCommit_Java_ValidatesRunner_Flink_Gradle/lastCompletedBuild/) [![Build
   Status](https://builds.apache.org/job/beam_PostCommit_Java_PVR_Flink/lastCompletedBuild/badge/icon)]
   (https://builds.apache.org/job/beam_PostCommit_Java_PVR_Flink/lastCompletedBuild/) | [![Build Status]
   (https://builds.apache.org/job/beam_PostCommit_Java_ValidatesRunner_Gearpump_Gradle/lastCompletedBuild/badge/icon)]
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   Status]
   (https://builds.apache.org/job/beam_PostCommit_Java_ValidatesRunner_Samza_Gradle/lastCompletedBuild/badge/icon)]
   (https://builds.apache.org/job/beam_PostCommit_Java_ValidatesRunner_Samza_Gradle/lastCompletedBuild/) | [![Build
   Status]
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   (https://builds.apache.org/job/beam_PostCommit_Java_ValidatesRunner_Spark_Gradle/lastCompletedBuild/) Python | [!
   [Build Status](https://builds.apache.org/job/beam_PostCommit_Python_Verify/lastCompletedBuild/badge/icon)]
   (https://builds.apache.org/job/beam_PostCommit_Python_Verify/lastCompletedBuild/) | --- | [![Build Status]
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   (https://builds.apache.org/job/beam_PostCommit_Py_ValCont/lastCompletedBuild/badge/icon)]
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   label: code-design

github_pulls_comments:

1. Thanks, this LGTM.
2. Run Python PostCommit

github_pulls_reviews:

jira_issues:

1. **summary:** Cleanup FnApiRunner optimization phases.
   description: They are currently expressed as functions with closure. It would be good to pull them out with explicit dependencies both to better be able to follow the code, and also be able to test and reuse them.
2. **summary:** Cleanup FnApiRunner optimization phases.
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3. **summary:** Cleanup FnApiRunner optimization phases.
   description: They are currently expressed as functions with closure. It would be good to pull them out with explicit dependencies both to better be able to follow the code, and also be able to test and reuse them.
   label: code-design

jira_issues_comments:

1. Thanks Robert. Marking as fixed.