

Objectives

- to develop reusable components for existing workflows;
- to handle business rule exceptions;
- to use activities that allow parallel execution of actions.

Task	Description
<p>[individual/team]</p> <p>Custom Activities.</p> <p>Exception handling</p> <p>[due: Lab04]</p>	<ul style="list-style-type: none"> • Work on one of the previous workflows designed for Lab01 or Lab02. • Identify an activity (or a several connected activities) that can be defined as custom activity. Define two custom activities (see Custom Activities Tutorial1.0 (en) and/or ActivitatiDefiniteDeUtilizator2.0 (ro). It can be the same activity/activities implemented in two different methods. • Handle at least one business rule exception using one of the following exception handling approaches: <ul style="list-style-type: none"> • Try Catch, Throw, Rethrow; • Retry Scope; • Global Exception Handler. • [facultative] Identify activities that may be performed in parallel. Emphasize the use of Parallel activity.

Recommended readings:

- from the [RPA Developer Foundation](#) learning plan skim the followings lessons:
 - **Error and Exception Handling in Studio** (1h30min);
 - **Debugging in Studio** (2h);
 - **Introduction to Logging in Studio** (2h).