

Handling non-string DAG parameters

You may need to pass a dag parameter to an operator using templates - however, it may be important that this is the right data type (e.g. bool). By default all template values are stringified.

You can override this by passing `render_template_as_native_obj=True` to the DAG constructor which fills the template and then casts the value to the expected type.

For example

```
with DAG(
    dag_id="example",
    catchup=False,
    start_date=datetime(2023, 4, 26),
    render_template_as_native_obj=True,
    params={
        "test_run": Param(False, title="Test run only", description="If true, don't do the
transaction, just spoof it", type='boolean')
    }
) as dag:

    task_id = f"trigger_build_table_{table}"

    ts = datetime.now().replace(tzinfo=tz)
    dag_execution_ts = TriggerDagRunOperator(
        trigger_dag_id="exampledag",
        wait_for_completion=True,
        poke_interval=10,
        # reset_dag_run=True, tk
        execution_date=ts.isoformat(),
        trigger_run_id=f"example_dag_{ts.isoformat()}",
        conf={
            "table_name": table,
            "date_suffix": date_suffix,
            "test_run": "{{params.test_run}}"
        },
```

)

Revision #2

Created 9 July 2023 15:44:56 by James

Updated 9 July 2023 15:45:18 by James