

Java Community Process Executive Committee Nomination
BNY Mellon Technology Overview
October 2, 2020

About BNY Mellon Technology

BNY Mellon Technology, with a \$3 billion budget in 2019 and more than 11,000 technologists and developers globally, provides critical technology infrastructure and applications to support the bank's role as a leading provider of clearing, payments, custody, and asset management services to the global financial markets. Our technology plays a core and significant role in the global financial markets, in addition to delivering secure, reliable, and innovative systems to our clients.

Our group of leading technologists and developers innovate solutions that support BNY Mellon's role as one of the largest investments company that oversees \$37.3 trillion in assets under custody as of June 30, 2020. With over 100 million lines of Java code under management, the Java ecosystem is a significant part of the technology stack across the BNY Mellon enterprise.

BNY Mellon is represented by three Java Champions at the JCP Executive Committee: Donald Raab, Chandra Guntur and Nikhil Nanivadekar.

JCP Involvement

- Actively involved in the Executive Committee as a **current ratified member**
- Proposed [Java Collections 2.0](#) ^[1]
- Committed to **Java in Education** via workgroups since the inception
- Leading **Java User Groups** in New York City, New Jersey, and Pittsburgh
- Engaging with the **community** via presentations, blogs, code workshops for all levels of developers, and robotics camps for kids

Java Open Source Involvement

- Two active project leads and several contributors to **Eclipse Collections**
- Periodically upgrading the **BNY Mellon Code Katas** (available on GitHub) to help teach language and library features to keep pace with the six-month Java release train
- **OpenJDK Quality Outreach Program** – identifying bugs and compatibility issues
 - Java 15: <https://stuartmarks.wordpress.com/2020/09/22/incompatibilities-with-jdk-15-charsequence-isempty/>
 - Java 14: <https://blogs.oracle.com/java-platform-group/the-arrival-of-java-14>
- Active involvement in **Eclipse Foundation Architecture Board**

Goals

As members of the Java Community Process (JCP) Executive Committee (EC), our representatives will focus on education, evolution, stability and adoption of Java, both in and outside BNY Mellon.

Links

[1] Collections 2.0 Proposal: https://jcp.org/aboutJava/communityprocess/ec-public/materials/2020-04-23/JCP_EC_2020_4_23_CollectionsJSR.pdf

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