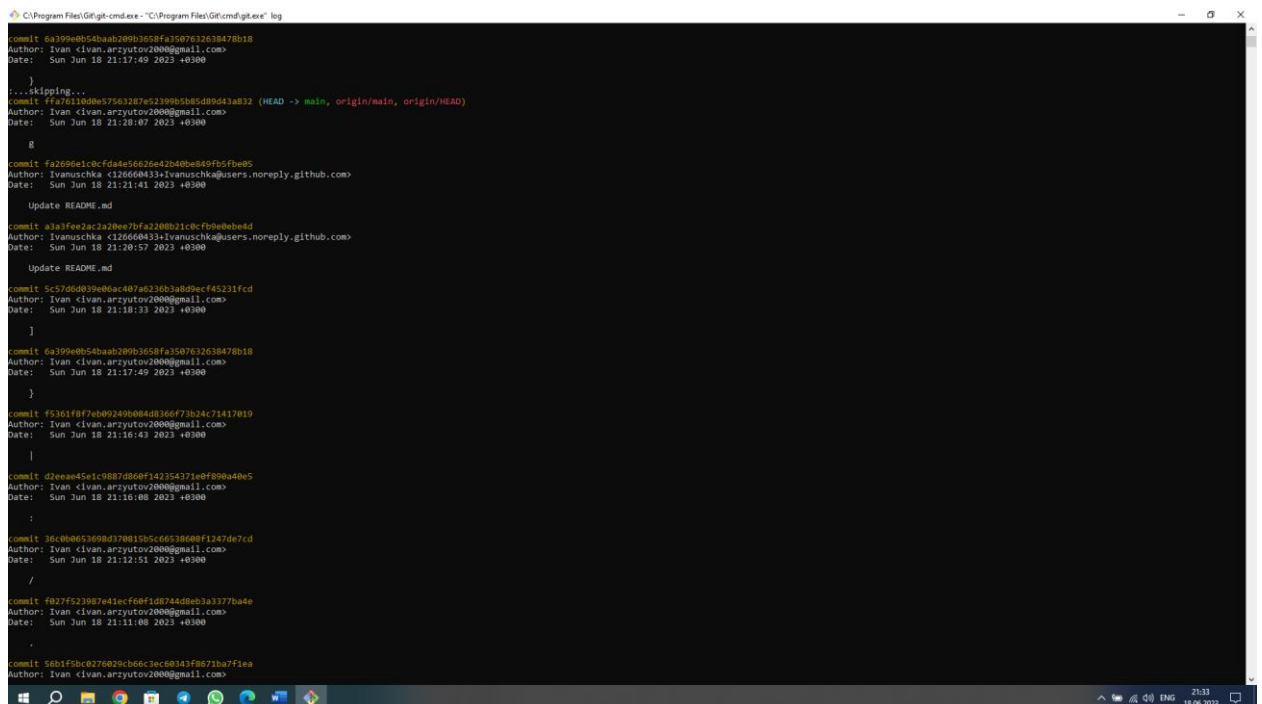


Лабораторная работа 1.2 Исследование возможностей Git для работы с локальными репозиториями

Цель работы: исследовать базовые возможности системы контроля версий Git для работы с локальными репозиториями.



```
C:\Program Files\Git\cmd.exe - "C:\Program Files\Git\cmd.exe" log
commit 6a399e0b54baab209b3658fa3507c32638478b18
Author: Ivan <ivan.arzyutov2000@gmail.com>
Date: Sun Jun 18 21:17:49 2023 +0300

}

...skipping...
commit f47d1180b57563287c922901b5d8d8da3a32 (HEAD -> main, origin/main, origin/HEAD)
Author: Ivan <ivan.arzyutov2000@gmail.com>
Date: Sun Jun 18 21:28:07 2023 +0300

R

commit fa2086e1c9cfdede56626e42b40be849f5fb05
Author: Ivanuscha <126660433@ivanuschkagusers.noreply.github.com>
Date: Sun Jun 18 21:21:41 2023 +0300

Update README.md

commit a1a3fee2a2a28ee7bfa2200b21c8cfd0e0ebdd
Author: Ivanuscha <126660433@ivanuschkagusers.noreply.github.com>
Date: Sun Jun 18 21:20:57 2023 +0300

Update README.md

commit 5c57d6d039e0ac407a0236b3a8d9ecf45231fcd
Author: Ivan <ivan.arzyutov2000@gmail.com>
Date: Sun Jun 18 21:18:33 2023 +0300

}

commit 6a399e0b54baab209b3658fa3507c32638478b18
Author: Ivan <ivan.arzyutov2000@gmail.com>
Date: Sun Jun 18 21:17:49 2023 +0300

}

commit f5361f87eb09240b06d8366f73b24c71417019
Author: Ivan <ivan.arzyutov2000@gmail.com>
Date: Sun Jun 18 21:16:43 2023 +0300

}

commit d2eeae45e1c9887d866f142354371e0f898a40e5
Author: Ivan <ivan.arzyutov2000@gmail.com>
Date: Sun Jun 18 21:16:08 2023 +0300

:

commit 36c0b0653698d37081505c6653860ff1247de7cd
Author: Ivan <ivan.arzyutov2000@gmail.com>
Date: Sun Jun 18 21:12:51 2023 +0300

/

commit fb27f523087e41ecf60f1d8744d8eb3a3377ba4e
Author: Ivan <ivan.arzyutov2000@gmail.com>
Date: Sun Jun 18 21:11:08 2023 +0300

.

commit 9084f9a0270029db6c3c0843f8071ba7f3ea
Author: Ivan <ivan.arzyutov2000@gmail.com>
```

1. Анализ командой git log

```
C:\Program Files\Git\cmd.exe - "C:\Program Files\Git\cmd.exe" log --graph
Author: Ivan <ivan.arzyutov2000@gmail.com>
C:\Репозиторий\Laboratornay-rabota-2>git log --graph
* commit ffa76110d0e57563287e52399b5b85d89d43a832 (HEAD -> main, origin/main, origin/HEAD)
Author: Ivan <ivan.arzyutov2000@gmail.com>
Date: Sun Jun 18 21:28:07 2023 +0300
    g
* commit fa2696e1c0cfda4e56626e42b40be849fb5f5be05
Author: Ivanuschka <I26668433@ivanuschkausers.noreply.github.com>
Date: Sun Jun 18 21:21:41 2023 +0300
    Update README.md
* commit a3a3fee2ac2a20ee7bfa2208b21c0cfb9e0ebe4d
Author: Ivanuschka <I26668433@ivanuschkausers.noreply.github.com>
Date: Sun Jun 18 21:20:57 2023 +0300
    Update README.md
* commit 5c57d6d039e06ac407a6236b3a8d9ecf45231fcd
Author: Ivan <ivan.arzyutov2000@gmail.com>
Date: Sun Jun 18 21:18:33 2023 +0300
    ]
* commit 6a399e0b54baab209b3658fa3507632638478b18
Author: Ivan <ivan.arzyutov2000@gmail.com>
Date: Sun Jun 18 21:17:49 2023 +0300
    }
* commit f5361f8f7eb09249b084d8366f73b24c71417019
Author: Ivan <ivan.arzyutov2000@gmail.com>
Date: Sun Jun 18 21:16:43 2023 +0300
    |
* commit d2eeae45e1c9887d860f142354371e0f890a40e5
Author: Ivan <ivan.arzyutov2000@gmail.com>
Date: Sun Jun 18 21:16:08 2023 +0300
    :
* commit 36c0b0653698d370815b5c66538608f1247de7cd
Author: Ivan <ivan.arzyutov2000@gmail.com>
Date: Sun Jun 18 21:12:51 2023 +0300
    /
* commit f027f523987e41ecf60f1d8744d8eb3a3377ba4e
Author: Ivan <ivan.arzyutov2000@gmail.com>
Date: Sun Jun 18 21:11:08 2023 +0300
    .
* commit 56b1f5bc0276029cb66c3ec60343f8671ba7f1ea
Author: Ivan <ivan.arzyutov2000@gmail.com>
Date: Sun Jun 18 20:52:18 2023 +0300
    Fifth commit
Fifth commit
```

2. Анализ командой git log --graph

```
C:\Репозиторий\Laboratornay-rabota-2>git log --pretty=oneline
ffa76110d0e57563287e52399b5b85d89d43a832 (HEAD -> main, origin/main, origin/HEAD) g
fa2696e1c0cfda4e56626e42b40be849fb5f5be05 Update README.md
a3a3fee2ac2a20ee7bfa2208b21c0cfb9e0ebe4d Update README.md
5c57d6d039e06ac407a6236b3a8d9ecf45231fcd ]
6a399e0b54baab209b3658fa3507632638478b18 }
f5361f8f7eb09249b084d8366f73b24c71417019 |
d2eeae45e1c9887d860f142354371e0f890a40e5 :
36c0b0653698d370815b5c66538608f1247de7cd /
f027f523987e41ecf60f1d8744d8eb3a3377ba4e .
56b1f5bc0276029cb66c3ec60343f8671ba7f1ea Fifth commit
8d468f0be4fd9bf5b25260bc3e5511191eade30c Fourth commit
73f2333cc8e3e209e184e0a1379b219141938639 Initial commit
```

3. Анализ командой git log --pretty=oneline

```
C:\Program Files\Git\cmd.exe - "C:\Program Files\Git\cmd\git.exe" log --abbrev-commit
7372333c8e3e3d0e3d4e0a1370b219141920079 Initial commit

C:\Репозиторий\Laboratornay-rabota-2>git log --abbrev-commit
fatal: unrecognized argument: --abbrev-commit

C:\Репозиторий\Laboratornay-rabota-2>git log --abbrev-commit
commit ffa7611 (HEAD -> main, origin/main, origin/HEAD)
Author: Ivan <ivan.arzyutov2000@gmail.com>
Date:   Sun Jun 18 21:28:07 2023 +0300

    g

commit fa2696e
Author: Ivanuschka <i20608433@ivanuscha@users.noreply.github.com>
Date:   Sun Jun 18 21:21:41 2023 +0300

    Update README.md

commit a3a3fee
Author: Ivanuschka <i20608433@ivanuscha@users.noreply.github.com>
Date:   Sun Jun 18 21:20:57 2023 +0300

    Update README.md

commit 5c5766d
Author: Ivan <ivan.arzyutov2000@gmail.com>
Date:   Sun Jun 18 21:18:33 2023 +0300

    }

commit 6a399e0
Author: Ivan <ivan.arzyutov2000@gmail.com>
Date:   Sun Jun 18 21:17:49 2023 +0300

    }

commit f2361f8
Author: Ivan <ivan.arzyutov2000@gmail.com>
Date:   Sun Jun 18 21:16:43 2023 +0300

    |

commit d1ee0ed
Author: Ivan <ivan.arzyutov2000@gmail.com>
Date:   Sun Jun 18 21:16:08 2023 +0300

    :

commit 36c8b06
Author: Ivan <ivan.arzyutov2000@gmail.com>
Date:   Sun Jun 18 21:12:51 2023 +0300

    /

commit 4027f52
Author: Ivan <ivan.arzyutov2000@gmail.com>
Date:   Sun Jun 18 20:11:08 2023 +0300

    -

commit 50b1f5b
Author: Ivan <ivan.arzyutov2000@gmail.com>
Date:   Sun Jun 18 20:52:18 2023 +0300
```

4. Анализ командой git log --abbrev-commit

```
C:\Репозиторий\Laboratornay-rabota-2>git show HEAD
commit ffa7611d0e57563287e52399b5b85d89d43a832 (HEAD -> main, origin/main, origin/HEAD)
Author: Ivan <ivan.arzyutov2000@gmail.com>
Date:   Sun Jun 18 21:28:07 2023 +0300

    g

diff --git a/README.md b/README.md
index 73c2cac..d07524c 100644
--- a/README.md
+++ b/README.md
@@ -1,4 +1,4 @@
 # Laboratornay-rabota-2
-/Кроссплатформенное программирование
-/ИТС-6-о-22-1
-/Иван Арзютов
+Кроссплатформенное программирование
+ИТС-6-о-22-1
+Иван Арзютов
```

5. Анализ командой git show HEAD

```

C:\Репозиторий\Laboratornay-rabota-2>git show HEAD~1
commit fa2696e1c0cfda4e56626e42b40be849fb5fbe05
Author: Ivanuschka <126660433+Ivanuschka@users.noreply.github.com>
Date:   Sun Jun 18 21:21:41 2023 +0300

    Update README.md

diff --git a/README.md b/README.md
index d07524c..73c2cac 100644
--- a/README.md
+++ b/README.md
@@ -1,4 +1,4 @@
-# Laboratornay-rabota-2
-Кроссплатформенное программирование
-ИТС-6-о-22-1
-Иван Арзютов
+# Laboratornay-rabota-2
+Кроссплатформенное программирование
+ИТС-6-о-22-1
+Иван Арзютов

```

6. Анализ командой git show HEAD~1

```

C:\Репозиторий\Laboratornay-rabota-2>git show a3a3fee
commit a3a3fee2ac2a20ee7bfa2208b21c0cfb9e0ebe4d
Author: Ivanuschka <126660433+Ivanuschka@users.noreply.github.com>
Date:   Sun Jun 18 21:20:57 2023 +0300

    Update README.md

diff --git a/README.md b/README.md
index 9101943..d07524c 100644
--- a/README.md
+++ b/README.md
@@ -1 +1,4 @@
-# Laboratornay-rabota-2
\ No newline at end of file
+# Laboratornay-rabota-2
+Кроссплатформенное программирование
+ИТС-6-о-22-1
+Иван Арзютов

```

7. Анализ командой git show a3afee