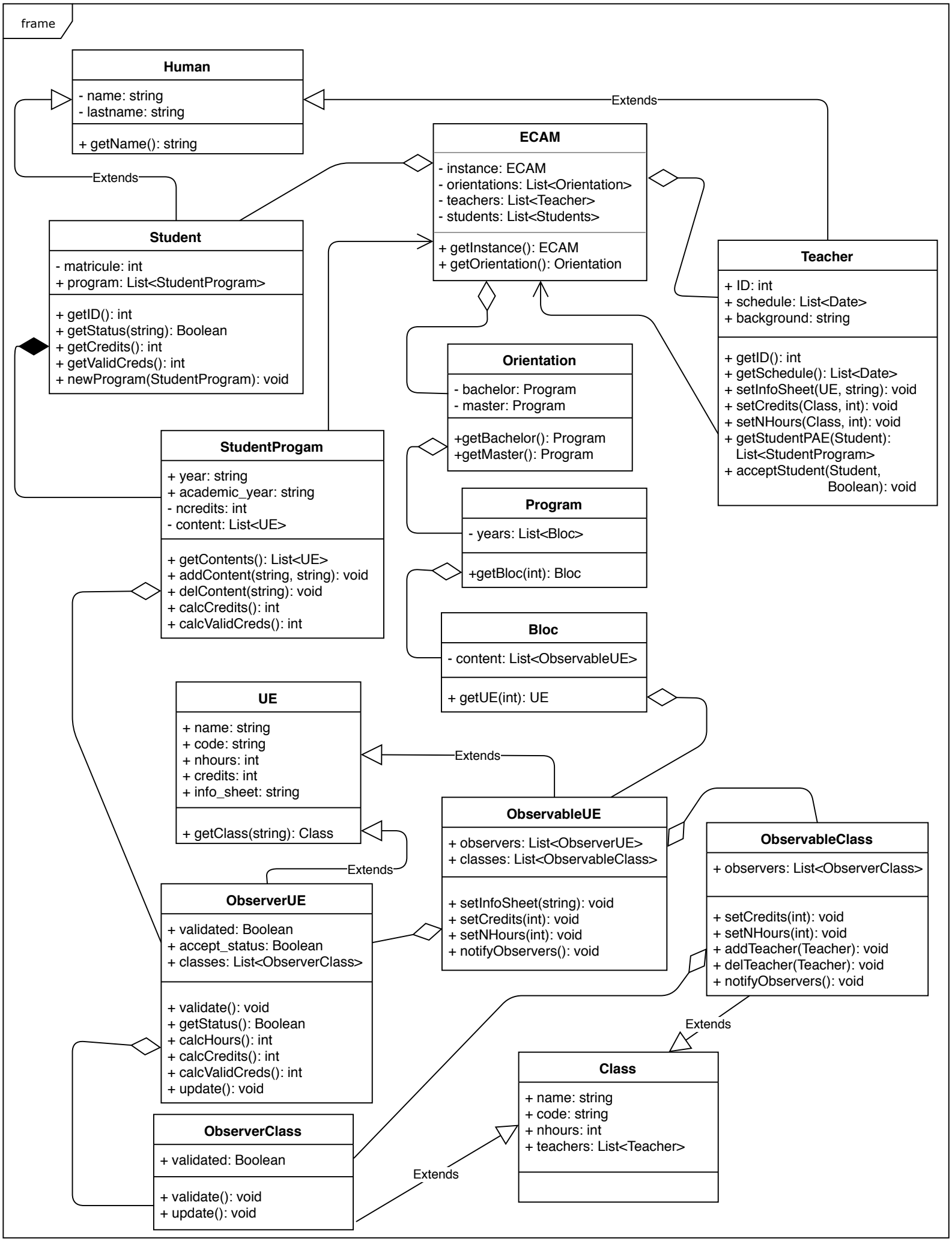
frame
Human
- name: string
- lastname: string
+ getName(): string
Extends
ECAM
- instance: ECAM
- orientations: List<Orientation>
- teachers: List<Teacher>
- students: List<Students>
+ getInstance(): ECAM
+ getOrientation(): Orientation
Extends
Student
- matricule: int
+ program: List<StudentProgram>
+ getID(): int
+ getStatus(string): Boolean
+ getCredits(): int
+ getValidCreds(): int
+ newProgram(StudentProgram): void
Teacher
+ ID: int
+ schedule: List<Date>
+ background: string
+ getID(): int
+ getSchedule(): List<Date>
+ setInfoSheet(UE, string): void
+ setCredits(Class, int): void
+ setNHours(Class, int): void
+ getStudentPAE(Student):
List<StudentProgram>
+ acceptStudent(Student,
Boolean): void
Orientation
- bachelor: Program
- master: Program
+getBachelor(): Program
+getMaster(): Program
StudentProgam
+ year: string
+ academic_year: string
- ncredits: int
- content: List<UE>
+ getContents(): List<UE>
+ addContent(string, string): void
+ delContent(string): void
+ calcCredits(): int
+ calcValidCreds(): int
Program
- years: List<Bloc>
+getBloc(int): Bloc
Bloc
- content: List<ObservableUE>
+ getUE(int): UE
UE
+ name: string
+ code: string
+ nhours: int
+ credits: int
+ info_sheet: string
+ getClass(string): Class
Extends
ObservableUE
+ observers: List<ObserverUE>
+ classes: List<ObservableClass>
+ setInfoSheet(string): void
+ setCredits(int): void
+ setNHours(int): void
+ notifyObservers(): void
ObservableClass
+ observers: List<ObserverClass>
+ setCredits(int): void
+ setNHours(int): void
+ addTeacher(Teacher): void
+ delTeacher(Teacher): void
+ notifyObservers(): void
Extends
ObserverUE
+ validated: Boolean
+ accept_status: Boolean
+ classes: List<ObserverClass>
+ validate(): void
+ getStatus(): Boolean
+ calcHours(): int
+ calcCredits(): int
+ calcValidCreds(): int
+ update(): void
Extends
Class
+ name: string
+ code: string
+ nhours: int
+ teachers: List<Teacher>
ObserverClass
+ validated: Boolean
+ validate(): void
+ update(): void
Extends