Model::Main

Router

+dispatcher: Dispatcher

+getDispatcher(): Dispatcher
+setupDispatcher()
-setQuizRoutes(r: RouteCollector)
-setQuestionRoutes(r: RouteCollector)

RouteFactory

+parseControllerName(string controllerName): string
+fromResourceController(string controllerName, RouteCollector $r)

SessionFactory

+fromCookie(array cookie): Session

View

+render(string template, array data)

DB

-connection: PDO
-instance: DB

+getInstance(): DB
-getConnection(): PDO
+selectOne(string query, array args, string class): null | array | Model
+selectMany(string query, array args, string class): boolean | array
+insert(string query, array args): boolean | int
+execute(string query, array args): int
+__clone()
+__wakeup()

Session

-id: string

+getId(): string
+setId(id: string)

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table has to be defined in every class
that extends Model because in PHP
we cannot redefine static fields

HttpRequest

-headers: array
-method: string
-session: Session
-bodyData: session
-protocolVersion: float
-uri: string

+getHeaders(): array
-setHeaders(headers: array)
+getHeader(name: string): mixed
-setHeader(name: string, mixed value)
+getMethod(): string
-setMethod(method: string)
+getSession(): Session
-setSession(session: Session)
+getBodyData()
-setBodyData(data: array)
-fetchBodyData()
+getProtocolVersion(): double
-setProtocolVersion(version: double)
+fetchProtocolVersion()
+getUri(): string
-setUri(uri: string)

ResourceController

#view: View

+index()
+create()
+store(request: HttpRequest)
+show(id: int)
+edit(id: int)
+update(request: HttpRequest, id: int)
+destroy(id: int)

LooperController

-view: View

+index()

AnswerController

QuizController

+results()
+admin()
+toAnswering()
+toClosed()

AnswerController

+results()

Model

#connector: DB
#primaryKey: string

+make(array fields): null|Model
+all(): array
+create(): boolean
+find(int id): null|Model
+where(string column, mixed value): array
+save(): boolean
+delete(): boolean
+destroy(id: int): bool

Question

#table: string
+id: int
+label: string
+question_type_id: int
+quiz_id: int

+type()
+quiz()

QuestionType

#table: string
+id: int
+label: string

+questions()

Quiz

#table: string
+id: int
+title: string
+is_public: int
+quiz_state_id: int

+state()
+questions()

Answer

#table: string
+id: int
+value: string
+question_id: int
+fulfillment_id: int

+fulfillment()

Fulfillment

+table: string
+date: string

+answers()

QuizState

+table: string
+id: int
+label: string

+quizzes()